



# PRODUCT CATALOGUE

## Proven Products for Better Dentistry



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Dental Practice



Laboratory



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## ROTARY INSTRUMENTS AND POLISHING PASTES

# Rotary Instruments

Whether ceramic abrasives or polishers: SHOFU's rotary instruments are available in various head sizes and different attachment and shank types – depending on handpiece design, indication and therapy. SHOFU offers a wide range of rotary instruments, not only for dentists, but also for laboratories.

The instruments should be used exclusively for their respective indications. It is important to insert them completely into the straight, contra-angle or turbine handpiece, taking care to avoid any jamming. The instruments should also be regularly inspected for any signs of wear.

Rotary instruments come in three shank types:

## ■ HP Shank

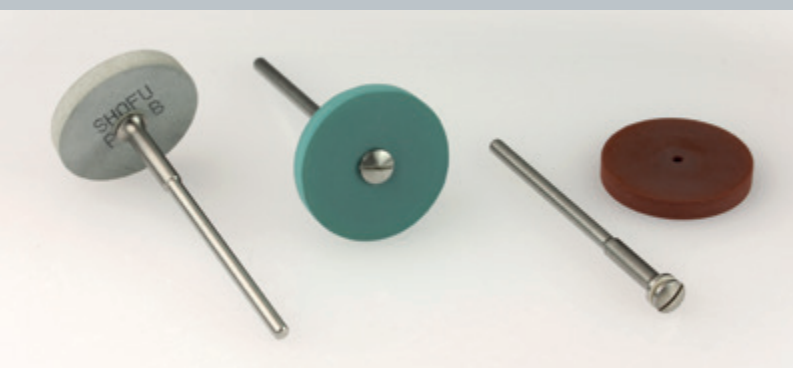
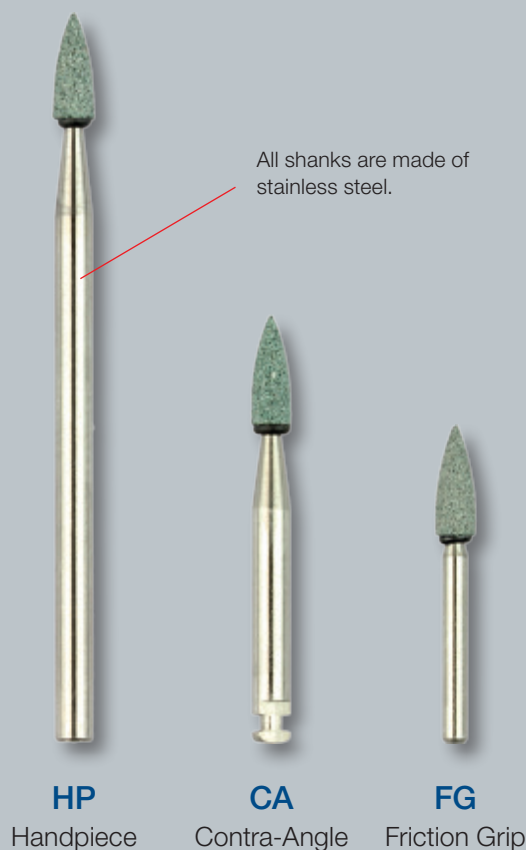
The smooth HP shank is attached to a straight dental handpiece (HP) by means of a chucking device. The standardised diameter of the HP shank is 2.35 mm.

## ■ CA Shank

The CA shank, 2.35 mm in diameter, fits positively in a contra-angle (CA) handpiece and is manually locked in place with the aid of a groove at the end of the shank.

## ■ FG Shank

The standardised diameter of the smooth FG (friction grip) shank is 1.6 mm; it is used in a high-speed turbine handpiece.



The HP mandrel is suitable for all unmounted wheels and disks (displayed here: SoftCut-E PB, Greenie and Brownie unmounted wheels). It reliably holds them and is easy to handle. It is advisable to always perform a test run before use and check the instruments for safety and smooth operation.



The optimised design of the mandrels for Super-Snap, Super-Snap Buff and Super-Snap SuperBuff ensures that these flexible disks are securely attached. SHOFU developed a special CA mandrel (with white banded shank) for all OneGloss polishers; in the example image with mounted Midipoint).



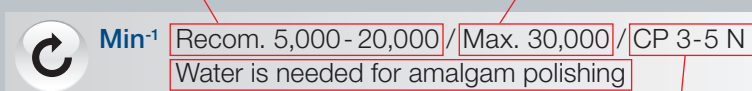
The most commonly used HP shapes of the Dura-Green ceramic-bonded stones are also available in economical laboratory packs of 72 pieces, in addition to the standard packs of 12 pieces (above: Dura-Green WH6 and IC5).

### Recommended Speed Range

The recommended speed range for best results varies depending on the shank type as well as head shape and size. The speed used must not exceed or fall below this range.

### Maximum Permissible Speed

The maximum permissible speed must not be exceeded! This would result in a substantial loss of material and an increased safety hazard for users and patients.



### Additional Notes

To ensure the safe and trouble-free use of the instruments, there are a few additional notes on certain areas of application.

### Contact Pressure

The recommended contact pressure provides optimal results. The use of excessive pressure must be avoided. This could damage the working part of the instrument, harm the pulp due to overheating, or produce undesirable surface roughness due to broken blades. Even instrument separation might result.

## info

You will find detailed information about all rotary instruments on the SHOFU website. Additional brochures, instructions for use and other publications are available as PDF files for download.



Preparation and reprocessing instructions are available on each product page, in the download section or directly by scanning this QR code.



The diamond-coated Abrasives Dresser can be used to clean and redesign ceramic-bonded stones. Besides, it allows the user to easily adjust the stones, creating sharp angles and round shapes. When necessary, the Abrasives Dresser may be cleaned with a brush and water or in an ultrasonic bath. See page 46 for order information.

# Navigator

Application overview for rotary instruments

## CONTOURING

## FINISHING



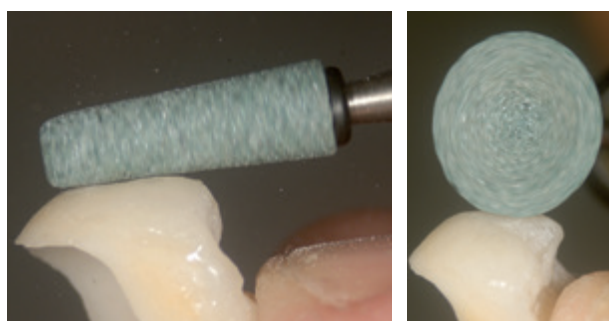
| POLISHING                 |                         | HIGH-GLOSS POLISHING    |   |
|---------------------------|-------------------------|-------------------------|---|
| Greenie                   |                         | Supergreenie            | Universal                                       |
| CompoMaster Coarse        | CompoMaster             |                         | Composite<br>Hybrid Composite<br>Hybrid Ceramic |
|                           |                         | Super-Snap Super Buff   |   |
| Super-Snap, green         |                         | Super-Snap, red         |   |
| Super-Snap X-Treme, green |                         | Super-Snap X-Treme, red |   |
|                           | CompoSite Fine          | CompoSite Paste         |   |
| SoftCut-E PB              |                         | DirectDia Paste         |   |
| Dura-Polish               |                         | Dura-Polish DIA         |   |
|                           |                         |                         |   |
|                           | CeraMaster              |                         | Porcelain                                       |
| Ceramisté Ultra           | Ceramisté Ultra II      |                         |   |
| SoftCut-E PB              |                         | DirectDia Paste         |   |
|                           | Dura-Polish             | Dura-Polish DIA         |   |
|                           |                         | ZirGloss                |   |
|                           | ZiLMaster Fine          | Dura-Polish DIA         | Lithium Disilicate                              |
|                           |                         | ZirGloss                |   |
| ZiLMaster Medium          | ZiLMaster Fine          | Dura-Polish DIA         | Zirconia  |
|                           | CeraMaster              | Dura-Polish DIA         |   |
|                           |                         | ZirGloss                |   |
| CompoSite                 | Ceramisté Ultra II      |                         | Glass Ionomer                                   |
|                           | CompoSite Fine          |                         |   |
| Dura-Polish               |                         | Dura-Polish DIA         | Precious Alloys                                 |
| Dura-Polish               |                         | Dura-Polish DIA         | Nonprecious Alloys                              |
|                           |                         | DirectDia Paste         | Amalgam   |
| AcryPoint-E, brown        | AcryPoint-E, light grey |                         | Acrylics  |
| Dura-Polish               |                         | Dura-Polish DIA         |   |

# Dura-Green



Silicon carbide stones with a ceramic binder

Dura-Green stones are made of high-quality silicon carbide and are exceptionally well-suited for fast and splinter proof contouring and finishing of porcelain, composite, precious alloys, and amalgam.



In the dental laboratory the extensive range of shapes helps to optimally produce the individual characteristics of the surface texture of front teeth with their vertical and horizontal structures. In the dental practice Dura-Green stones are used for quick and simple contouring and finishing of restorations made of all modern filling materials.

- Dura-Green stones can be cleaned or customised to any individual shape with the Abrasives Dresser.



## benefits

- Precise concentricity
- Low vibration performance
- Consistent cutting action
- Binder matched exactly to the grinding particles
- Long-lasting operating life
- Optimal cutting performance

### Indications

- DENTAL PRACTICE  
Contouring and finishing of porcelain, composites, precious metal and amalgam
- LABORATORY  
Contouring and finishing porcelain, indirect composites and metals

### Range of Application

Suitable for the following materials:  
porcelain, composite, precious alloys and amalgam



| Shape      | CN1  | CN2  | CY2  | CY3  | FL1  | FL2  | FL3  | FL4  | FL5  | IC1  | IC2  | IC3  |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ISO No.    | 024  | 037  | 025  | 028  | 030  | 025  | 030  | 045  | 065  | 030  | 032  | 050  |
| HP 12 pcs. | 0002 |      | 0006 | 0007 | 0009 | 0010 | 0011 | 0012 | 0013 | 0014 | 0015 | 0016 |
| HP 72 pcs. |      |      |      |      |      | HG10 |      |      |      | HG14 |      | HG16 |
| CA 12 pcs. | 0052 | 0053 |      |      | 0059 | 0060 | 0061 | 0062 |      |      |      | 0066 |
| FG 12 pcs. | 0101 |      | 0103 |      |      | 0104 |      |      |      |      |      |      |



| Shape      | IC4  | IC5  | IC6  | IC7  | IC9  | KN1  | KN3  | KN4  | KN5  | KN7  | PC1  | PC2  |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ISO No.    | 045  | 070  | 065  | 125  | 135  | 050  | 070  | 080  | 060  | 125  | 030  | 050  |
| HP 12 pcs. | 0017 | 0018 | 0019 | 0020 | 0022 | 0023 | 0025 | 0026 | 0027 | 0029 | 0030 | 0031 |
| HP 72 pcs. |      | HG18 |      | HG20 | HG22 |      |      |      |      | HG29 |      |      |
| CA 12 pcs. |      |      |      |      |      |      |      |      |      |      | 0080 | 0081 |



| Shape      | RD1  | RD2  | RD3  | RD4  | RE1  | RE2  | TC1  | TC2  | TC3  | TC4  | WH3  | WH4  |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|
| ISO No.    | 030  | 024  | 036  | 050  | 062  | 062  | 020  | 025  | 030  | 040  | 065  | 060  |
| HP 12 pcs. | 0032 | 0033 | 0034 | 0035 | 0036 | 0037 | 0039 | 0040 | 0041 | 0042 | 0045 | 0046 |
| HP 72 pcs. |      |      |      |      |      |      |      |      |      | HG42 |      |      |
| CA 12 pcs. | 0082 | 0083 | 0084 |      | 0086 |      | 0089 | 0090 |      | 0092 | 0095 | 0096 |
| FG 12 pcs. | 0107 | 0108 |      |      |      |      | 0109 |      |      |      |      |      |



| Shape      | WH5  | WH6  |
|------------|------|------|
| ISO No.    | 065  | 130  |
| HP 12 pcs. | 0047 | 0048 |
| HP 72 pcs. |      | HG48 |
| CA 12 pcs. |      | 0098 |



Min<sup>-1</sup> Recom. 5,000 -20,000 / Max. 30,000 / CP 3-5 N

| PN        | Quantity | Product                            |
|-----------|----------|------------------------------------|
| 0002-0098 | 12 pcs.  | Dura-Green stones, HP and CA shank |
| 0101-0109 | 12 pcs.  | Dura-Green stones, FG shank        |
| HG10-HG48 | 72 pcs.  | Dura-Green stones, HP shank        |

Info: Not suited for the processing of ceramic alloys!

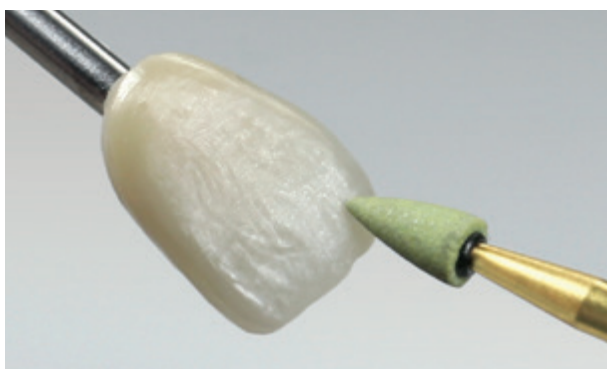
# Dura-Green DIA



## Vitrified-bonded diamond abrasives

Dura-Green DIA is designed for contouring porcelains, ceramic copings, fine anatomical details or fragile sensitive margin areas. Thanks to densely packed diamonds embedded throughout Dura-Green DIA provides smoother surfaces on all-ceramic and zirconia restorations and an enhanced performance versus silicon carbide instruments.

■ Low vibration and minimal heat generation make the abrasives comfortable and safe to use, eliminating any risk of chipping or microcracking. The instruments feature high edge stability and enhanced performance at the same time.



Min<sup>-1</sup> Max. 30,000

| PN                           | Quantity | Product  |
|------------------------------|----------|--|
| 0154, 0156, 0157             | 2 pcs.   | Dura-Green DIA, shapes CY5, KN7, WH6, HP shank           |
| 0155, 0158, 0159, 0161, 0162 | 3 pcs.   | Dura-Green DIA, shapes FL3, IC5, RD3, TC2, TC4, HP shank |
| 0163-0165                    | 3 pcs.   | Dura-Green DIA, shapes FL3, RD3, TC2, CA shank           |
| 0153                         | 1 box    | Dura-Green DIA, 1 each CY5, KN7, TC4, HP shank           |
| 0166                         | 1 box    | Dura-Green DIA, 1 each FL3, RD3, TC2, CA shank           |
| 0167-0168                    | 3 pcs.   | Dura-Green DIA, shapes FL3, RD2, FG shank                |
| 0504                         | 1 pc.    | SHOFU Adjuster (p. 46)                                   |

## benefits

- Efficient and material-friendly processing
- Minimised risk of microcracking
- Low contact pressure
- Minimal heat generation
- High edge stability

### Indications

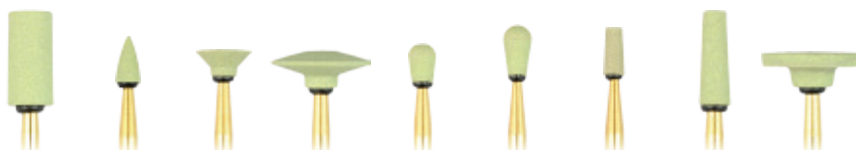
Contouring and finishing indirect restorations made of ceramics, zirconia, lithium disilicate etc.

### Range of Application

Suitable for the following materials:  
All-zirconia or zirconia-based restorations, lithium disilicate, alumina, pressed & layered ceramics and metal surfaces



The SHOFU Adjuster, made of alumina, is ideal for instrument cleaning and individual shape adjustment (p. 46).



| Shape   | CY5  | FL3  | IC5  | KN7  | RD2  | RD3  | TC2  | TC4  | WH6  |
|---------|------|------|------|------|------|------|------|------|------|
| ISO No. | 056  | 031  | 070  | 125  | 024  | 035  | 025  | 040  | 125  |
| HP      | 0156 | 0158 | 0162 | 0154 |      | 0159 | 0161 | 0155 | 0157 |
| CA      |      | 0163 |      |      |      | 0164 | 0165 |      |      |
| FG      |      | 0168 |      |      | 0167 |      |      |      |      |

# Dura-White



1

## Vitrified-bonded alumina stones

For finishing enamel, prepared tooth stumps, composites, porcelain and glass ionomer cements, these micro-grained and perfectly centred “Arkansas” stones are unmatched. They are suited for very fine finishing and smoothing of various dental materials.



| Shape   | CN1  | CY2  | FL1  | FL2  | FL3  | IC4  | KN1  | RD1  | RD2  | RE1  | TC1  | TC4  |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| ISO No. | 024  | 025  | 030  | 025  | 030  | 045  | 050  | 030  | 024  | 062  | 020  | 040  |
| HP      | 0201 |      | 0202 | 0203 | 0204 | 0205 |      | 0207 | 0208 | 0209 | 0210 | 0211 |
| CA      | 0221 |      | 0222 | 0223 | 0224 |      |      | 0227 | 0228 | 0229 | 0230 |      |
| FG      | 0241 | 0243 | 0240 | 0244 |      |      | 0246 | 0247 | 0248 |      | 0249 |      |



| Shape   | WH1  | WH4  |
|---------|------|------|
| ISO No. | 040  | 060  |
| HP      |      | 0212 |
| CA      |      |      |
| FG      | 0250 |      |



## benefits

- Precise concentricity
- Low vibration grinding
- Consistent finishing performance
- Economical
- High edge stability
- Long-lasting service life
- Wide range of shapes

### Indications

#### ■ DENTAL PRACTICE

Finishing and very fine working of e. g. composite or glass ionomer filling materials, porcelain, tooth structure, e. g. smoothing crown preparations after contouring with diamond abrasives

#### ■ LABORATORY

Very fine contouring and fine finishing of porcelain or composite restorations

### Range of Application

Suitable for the following materials:  
porcelain, composite, compomer, tooth structure, glass ionomer cement

| PN        | Quantity | Product                             |
|-----------|----------|-------------------------------------|
| 0201-0250 | 12 pcs.  | Dura-White stones, HP, CA, FG shank |



Recom. 5,000-20,000 / Max. 30,000 / CP 2 N

# Brownie ■ Greenie ■ Supergreenie



## Universal polishers

These silicone polishers impregnated with abrasive particles quickly polish dental restorations to an excellent gloss. Brownies are used for prepolishing, Greenies for polishing and Supergreenies (with yellow banded shank) for high-gloss polishing. Thanks to the high quality of their abrasive particles, the silicone polishers alone create a high gloss; there is no need for additional polishing paste.



## benefits

- High gloss in three polishing steps
- Precise, calibrated concentricity
- Customisable
- Low vibration polish
- Optimal ratio of speed and contact pressure
- Low heat generation
- Fast and efficient use

### Indications

#### ■ DENTAL PRACTICE

Intraoral prepolishing, polishing and high-gloss polishing of all types of restorative materials.

#### ■ LABORATORY

Prepolishing, polishing and high-gloss polishing of all types of restorative materials



|              | Shape      | Cup  | Minipoint | KN7  | PC2  | WH6  | Floppie | Disk | Unmounted wheel |
|--------------|------------|------|-----------|------|------|------|---------|------|-----------------|
|              | ISO No.    | 065  | 030       | 125  | 050  | 120  | 220     | 160  | 220             |
| Brownie      | HP 12 pcs. |      |           | 0271 | 0272 | 0273 | 0458    |      | 0453            |
|              | CA 12 pcs. | 0401 | 0403      | 0281 | 0282 | 0283 |         | 0405 |                 |
|              | CA 72 pcs. | H401 | H403      |      |      |      |         |      |                 |
|              | FG 12 pcs. | 0411 | 0413      |      |      |      |         |      |                 |
|              | FG 72 pcs. | H411 | H413      |      |      |      |         |      |                 |
| Greenie      | HP 12 pcs. |      |           | 0274 | 0275 | 0276 | 0459    |      | 0454            |
|              | CA 12 pcs. | 0402 | 0404      | 0284 | 0285 | 0286 |         | 0406 |                 |
|              | CA 72 pcs. | H402 | H404      |      |      |      |         |      |                 |
|              | FG 12 pcs. | 0412 | 0414      |      |      |      |         |      |                 |
|              | FG 72 pcs. | H412 | H414      |      |      |      |         |      |                 |
| Supergreenie | HP 12 pcs. |      |           | 0277 | 0278 | 0279 |         |      | 454A            |
|              | CA 12 pcs. | 402A | 404B      | 0287 | 0288 | 0289 |         |      |                 |
|              | FG 12 pcs. | 412A | 414B      |      |      |      |         |      |                 |



Brownie, Greenie and Supergreenie polishers are available in boxes of 12 pieces. Brownie and Greenie cups and minipoints for contra-angles and turbines are also available in economical laboratory packs of 72 pieces.



**Min<sup>-1</sup>** Recom. 5,000 - 7,000 / Contact Pressure 1 - 2 N  
Water is needed for amalgam polishing.

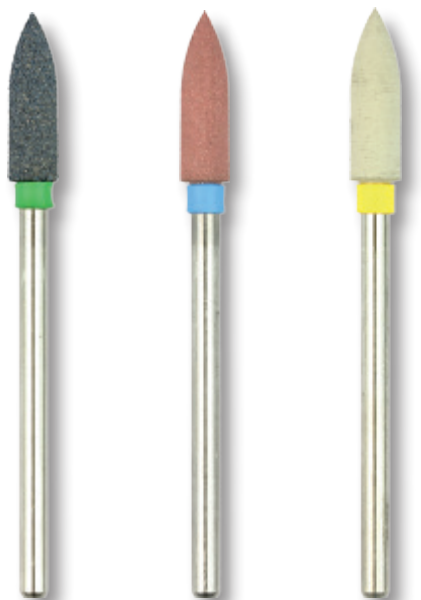
| PN                     | Quantity | Product   |
|------------------------|----------|---|
| 0271-0289              | 12 pcs.  | Brownie, Greenie, Supergreenie shapes: KN7, PC2, WH6, HP and CA shank |
| 0401-0414              | 12 pcs.  | Brownie, Greenie, shapes: cup, minipoint, disk, CA and FG shank       |
| 0453, 0454, 454A       | 12 pcs.  | Brownie, Greenie, Supergreenie shape: unmounted wheel                 |
| 0458, 0459             | 12 pcs.  | Brownie, Greenie shape: floppie, HP shank                             |
| 402A, 412A, 404B, 414B | 12 pcs.  | Supergreenie shapes: cup, minipoint, CA and FG shank                  |
| H401-H414              | 72 pcs.  | Brownie, Greenie shapes: cup, minipoint, CA and FG shank              |

# ZiLMaster

For zirconia and lithium disilicate



The three-step diamond impregnated polishing system smoothens the restorations, removes surface scratches made during contouring and provides a high-gloss polish. ZiLMaster is available in a variety of shapes and shanks for both extra and intraoral application.



## Indications

Systematic polishing of zirconia and lithium disilicate restorations:

- Finishing/Prepolishing: ZiLMaster Coarse with green banded shank
- Polishing: ZiLMaster Medium with blue banded shank
- Final polishing: ZiLMaster Fine with yellow banded shank



**Polishers:**  
Min<sup>-1</sup> Max. 20,000

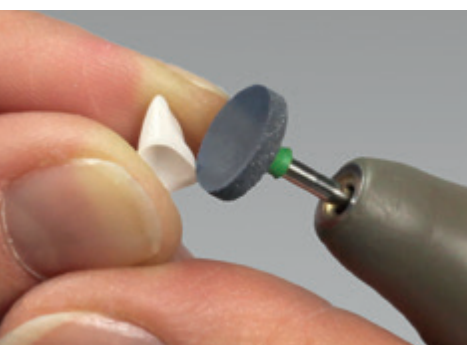


**Unmounted wheel:**  
Min<sup>-1</sup> Max. 15,000

## benefits

- High gloss in three polishing steps
- Optimal ratio of speed and contact pressure
- Precise concentricity
- Low heat generation
- No polishing paste is needed

| PN  | Quantity | Product   |
|---|----------|---|
| <b>INDIVIDUAL ARTICLES</b>  |          |   |
| 0640-0643,<br>0646-0649,<br>0652-0655,<br>0658-0663,<br>0665-0668,<br>0670-0673 | 3 pcs.   | ZiLMaster Coarse, Medium, Fine shapes: bullet, knife, cup, minipoint, KN7, WH6, HP and CA shank |
| 0645, 0651,<br>0657   | 1 pc.    | ZiLMaster Coarse, Medium, Fine shape: unmounted wheel + HP mandrel                              |
| <b>ASSORTMENTS</b>  |          |   |
| 0644  | 1 box    | ZiLMaster Coarse, HP shank, 1 each bullet, minipoint, KN7, WH6                                  |
| 0650  | 1 box    | ZiLMaster Medium, HP shank, 1 each bullet, minipoint, KN7, WH6                                  |
| 0656  | 1 box    | ZiLMaster Fine, HP shank, 1 each bullet, minipoint, KN7, WH6                                    |
| 0664  | 1 box    | ZiLMaster Coarse, CA shank, 1 each bullet, knife, cup, minipoint                                |
| 0669  | 1 box    | ZiLMaster Medium, CA shank, 1 each bullet, knife, cup, minipoint                                |
| 0674  | 1 box    | ZiLMaster Fine, CA shank, 1 each bullet, knife, cup, minipoint                                  |





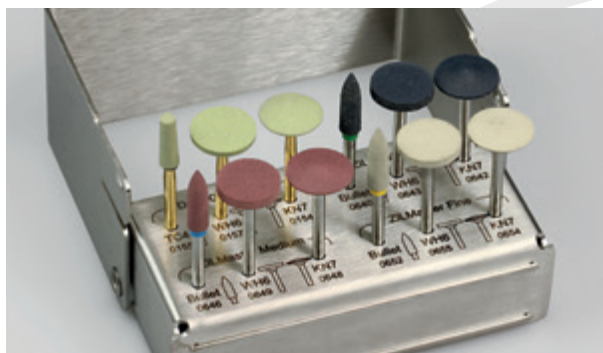
|                  | Shape     | Bullet | Knife | Cup  | Minipoint | KN7  | WH6  | Unmounted wheel |
|------------------|-----------|--------|-------|------|-----------|------|------|-----------------|
|                  | ISO No.   | 040    | 090   | 065  | 030       | 125  | 120  | 170             |
| ZiLMaster Coarse | HP 3 pcs. | 0640   |       |      | 0641      | 0642 | 0643 |                 |
|                  | HP 1 pc.  |        |       |      |           |      |      | 0645            |
|                  | CA 3 pcs. | 0658   | 0662  | 0663 | 0661      |      |      |                 |
| ZiLMaster Medium | HP 3 pcs. | 0646   |       |      | 0647      | 0648 | 0649 |                 |
|                  | HP 1 pc.  |        |       |      |           |      |      | 0651            |
|                  | CA 3 pcs. | 0665   | 0659  | 0668 | 0666      |      |      |                 |
| ZiLMaster Fine   | HP 3 pcs. | 0652   |       |      | 0653      | 0654 | 0655 |                 |
|                  | HP 1 pc.  |        |       |      |           |      |      | 0657            |
|                  | CA 3 pcs. | 0670   | 0672  | 0673 | 0671      |      |      |                 |

## ZiLMaster - Adjustment Kits

The complete system for contouring, finishing and polishing zirconia and lithium disilicate restorations is available in HP and CA shanks. Dura-Green DIA contours the restorations, the three-step system ZiLMaster smoothens the restorations and provides a high gloss.

### HP shank - Contents

Dura-Green DIA: 1 each KN7, TC4, WH6  
 ZiLMaster Coarse: 1 each bullet, KN7, WH6  
 ZiLMaster Medium: 1 each bullet, KN7, WH6  
 ZiLMaster Fine: 1 each bullet, KN7, WH6



### CA shank - Contents

Dura-Green DIA: 1 each FL3, RD3  
 ZiLMaster Coarse: 1 each minipoint, knife, cup  
 ZiLMaster Medium: 1 each minipoint, knife, cup  
 ZiLMaster Fine: 1 each minipoint, knife, cup



| PN   | Quantity | Product                            |
|------|----------|------------------------------------|
| 0680 | 1 pc.    | ZiLMaster Adjustment Kit, HP shank |
| 0681 | 1 pc.    | ZiLMaster Adjustment Kit, CA shank |

# Ceramisté

For porcelain and tooth enamel



Ceramisté silicone polishers were designed specifically for the polishing of porcelain and tooth enamel. The Ceramisté system consists of Ceramisté Standard, Ceramisté Ultra and Ceramisté Ultra II polishers for all polishing steps.



Recom. 10,000-12,000 / Max. FG shank: 15,000,  
Max. others: 20,000 / CP 1-2 N

## benefits

- Three coordinated polishing steps
- Optimal ratio of speed and contact pressure
- Customisable
- Low vibration polishing
- Long-lasting service
- No polishing paste is needed



|                          | Shape   | Bullet | Cup  | Knife | Wheel | Midpoint | KN7  | PC2  | WH6  | Unmounted wheel |
|--------------------------|---------|--------|------|-------|-------|----------|------|------|------|-----------------|
|                          | ISO No. | 040    | 065  | 090   | 090   | 060      | 125  | 050  | 120  | 220             |
| Standard<br>(prepolish)  | HP      |        |      |       |       |          | 0261 | 0262 | 0263 | 0451            |
|                          | CA      | 0251   | 251A | 0252  | 0253  | 253A     |      |      |      |                 |
|                          | FG      |        |      |       |       | 253B     |      |      |      |                 |
| Ultra<br>(polish)        | HP      |        |      |       |       |          | 0264 | 0265 | 0266 | 0452            |
|                          | CA      | 0254   | 254A | 0255  | 0256  | 256A     |      |      |      |                 |
|                          | FG      |        |      |       |       | 256B     |      |      |      |                 |
| Ultra II<br>(high-gloss) | HP      |        |      |       |       |          | 0267 | 0268 | 0269 | 452A            |
|                          | CA      | 0257   | 257A | 0258  | 0259  | 259A     |      |      |      |                 |
|                          | FG      |        | 257B |       |       | 259B     |      |      |      |                 |

### Indications

Systematic polishing up to a high gloss of porcelain and tooth enamel in three steps:

- Prepolishing Ceramisté Standard
- Polishing Ceramisté Ultra with yellow banded shank
- High gloss polishing Ceramisté Ultra II with white banded shank

| PN               | Quantity | Product  |
|------------------|----------|--|
| 0251-0269        | 12 pcs.  | Ceramisté Standard, Ultra, Ultra II shapes: KN7, PC2, WH6, HP shank shapes: bullet, knife, wheel, CA shank |
| 251A-259A        | 12 pcs.  | Ceramisté Standard, Ultra, Ultra II shapes: cup, midpoint, CA shank  |
| 253B-259B        | 12 pcs.  | Ceramisté Standard, Ultra, Ultra II shapes: cup, midpoint, FG shank  |
| 0451, 0452, 452A | 12 pcs.  | Ceramisté Standard, Ultra, Ultra II shape: unmounted wheel   |

# SoftCut-E

For porcelain restorations



1

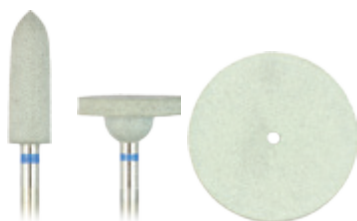
The two-step system SoftCut was developed for the polishing of fragile porcelain veneers, inlays and onlays. The two instruments of the system, SoftCut PA and SoftCut PB, are silicone polishers with integrated polishing agents. By varying the pressure, the polishing effect can be adjusted: the lower the pressure, the higher the gloss.



## Indications

### LABORATORY

- SoftCut-E PA (with green banded shank) for polishing after rough finishing (for example with Dura-Green stones)
- SoftCut-E PB (with blue banded shank) for polishing after fine finishing (for example with Dura-White stones)



|              | Shape   | PC2    | WH6    | Unmounted wheel |
|--------------|---------|--------|--------|-----------------|
|              | ISO No. | 050    | 120    | 220             |
| SoftCut-E PA | HP      |        | SE0002 | SE0004          |
| SoftCut-E PB | HP      | SE0001 | SE0003 | SE0005          |



PA

PB

## benefits

- Contouring and polishing in just one step
- Precise concentricity
- Efficient use
- Low heat generation



### Polishers:

**Min<sup>1</sup>** Recom. 5,000-20,000 / Max. 20,000 / CP 1-2 N



### Unmounted wheel:

**Min<sup>1</sup>** Recom. 5,000-15,000 / Max. 15,000 / CP 1-2 N

| PN            | Quantity | Product                                      |
|---------------|----------|--|
| SE0001-SE0003 | 12 pcs.  | SoftCut-E PA / PB shapes: PC2, WH6, HP shank |
| SE0004-SE0005 | 12 pcs.  | SoftCut-E PA / PB shape: unmounted wheel     |

# CeraMaster Coarse ■ CeraMaster



For ceramic restorations

These silicone polishers are integrated with pure, ultrafine diamond particles. They are characterised by a long service life and designed for quick finishing and polishing of ceramic restorations, to provide a smooth surface. The combination of the different grits of CeraMaster Coarse (dark-grey polishers) and the finer CeraMaster polishers (blue and white banded shank) is an efficient concept for homogeneous surface treatment.



|                   | Shape   | Bullet | Knife | Cup  | Minipoint | KN7  | WH6  | Unmounted wheel |
|-------------------|---------|--------|-------|------|-----------|------|------|-----------------|
|                   | ISO No. | 040    | 090   | 065  | 030       | 125  | 120  | 220             |
| CeraMaster Coarse | HP      | 126C   |       |      | 129C      | 127C | 128C | 132C            |
|                   | CA      | 121C   | 122C  | 123C | 124C      |      |      |                 |
| CeraMaster        | HP      | 0126   |       |      | 0129      | 0127 | 0128 |                 |
|                   | CA      | 0121   | 0122  | 0123 | 0124      |      |      |                 |

## Indications

■ CeraMaster Coarse polishers are designed for a quick finishing and prepolishing of ceramic restorations in one step only. They work excellently even when adjusting margins of all-ceramic frame-works made of alumina or zirconia.

■ For high-gloss polishing CeraMaster polishers are recommended. When using the CeraMaster polishers there is no need to use an additional polishing paste, as the high shine is produced by using the diamond-impregnated silicone polishers themselves.



### Polishers:

**Min<sup>-1</sup>** Recom. 10,000 - 15,000 / Max. 20,000 / CP 1.5 N

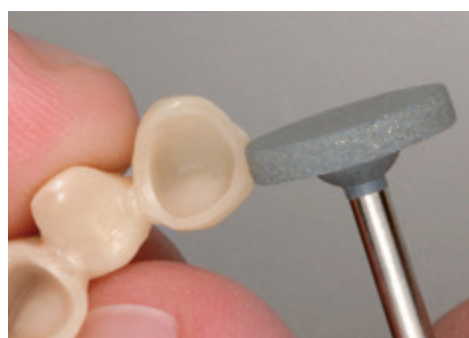


### Unmounted wheel:

**Min<sup>-1</sup>** Recom. 5,000 - 10,000 / Max. 15,000 / CP 1.5 N

| PN                   | Quantity | Product   |
|----------------------|----------|---|
| INDIVIDUAL ARTICLES  |          |   |
| 121C-124C, 126C-129C | 3 pcs.   | CeraMaster Coarse, HP and CA shank                                |
| 132C                 | 1 pc.    | CeraMaster Coarse, unmounted wheel + HP mandrel                   |
| 0121-0124, 0126-0129 | 3 pcs.   | CeraMaster, HP and CA shank                                       |
| ASSORTMENTS          |          |   |
| 130C                 | 1 box    | CeraMaster Coarse, HP shank, 1 each bullet, minipoint, KN7, WH6   |
| 125C                 | 1 box    | CeraMaster Coarse, CA shank, 1 each bullet, knife, cup, minipoint |
| 0130                 | 1 box    | CeraMaster, HP shank, 1 each bullet, minipoint, KN7, WH6          |
| 0125                 | 1 box    | CeraMaster, CA shank, 1 each bullet, knife, cup, minipoint        |

Note: Please observe the info on intraoral use on page 21!



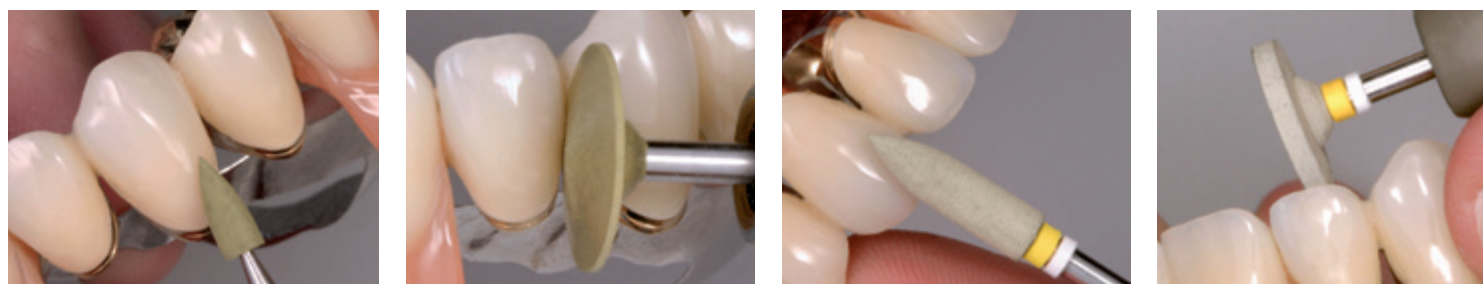
# CompoMaster Coarse ■ CompoMaster



1

For composite

The silicone polishers are integrated with a carefully balanced blend of diamond particles. They are durable and designed for a quick finishing and polishing of composite restorations to provide a uniform and smooth surface.



The combination of the different grits of CompoMaster Coarse and the finer CompoMaster polishers (with yellow and white banded shank) is an efficient concept for homogeneous surface treatment.

## Indications

- CompoMaster Coarse polishers have been designed for contouring and prepolishing composite surfaces in one step.
- CompoMaster instruments subsequently polish the restorations.

## info

When using the CeraMaster/-Coarse and CompoMaster/-Coarse polishers intraorally, operate each polisher under dry conditions with intermittent strokes and supply compressed air to avoid overheating of the composite and to protect the pulp.



### Polishers:

**Min<sup>-1</sup>** Recom. 5,000 - 15,000 / Max. 20,000 / CP 0.5 N



### Unmounted wheel:

**Min<sup>-1</sup>** Recom. 5,000 - 10,000 / Max. 15,000 / CP 0.5 N

| PN                         | Quantity | Product  |
|----------------------------|----------|--|
| <b>INDIVIDUAL ARTICLES</b> |          |  |
| 111C-114C, 116C-119C       | 3 pcs.   | CompoMaster Coarse, HP and CA shank                                |
| 131C                       | 1 pc.    | CompoMaster Coarse, unmounted wheel + HP mandrel                   |
| 0111-0114, 0116-0119       | 3 pcs.   | CompoMaster, HP and CA shank                                       |
| <b>ASSORTMENTS</b>         |          |  |
| 120C                       | 1 box    | CompoMaster Coarse, HP shank, 1 each bullet, minipoint, KN7, WH6   |
| 115C                       | 1 box    | CompoMaster Coarse, CA shank, 1 each bullet, knife, cup, minipoint |
| 0120                       | 1 box    | CompoMaster, HP shank, 1 each bullet, minipoint, KN7, WH6          |
| 0115                       | 1 box    | CompoMaster, CA shank, 1 each bullet, knife, cup, minipoint        |



|                    | Shape   | Bullet | Knife | Cup  | Minipoint | KN7  | WH6  | Unmounted wheel |
|--------------------|---------|--------|-------|------|-----------|------|------|-----------------|
|                    | ISO No. | 040    | 090   | 065  | 030       | 125  | 120  | 220             |
| CompoMaster Coarse | HP      | 116C   |       |      | 119C      | 117C | 118C | 131C            |
|                    | CA      | 111C   | 112C  | 113C | 114C      |      |      |                 |
| CompoMaster        | HP      | 0116   |       |      | 0119      | 0117 | 0118 |                 |
|                    | CA      | 0111   | 0112  | 0113 | 0114      |      |      |                 |

# OneGloss M ■ OneGloss ■ OneGloss PS



One-step finishers and polishers for composites and enamel

These one-step silicone polishers, impregnated with alumina, allow you to perfectly finish and polish all types of composite restorations, simply by varying the contact pressure step by step from finishing to polishing – without instrument change and polishing paste!

The product line includes four shapes which are optimally matched to the surfaces to be treated. The OneGloss M instruments, with heads mounted on stainless-steel contra-angle shanks, are sterilisable. The unmounted OneGloss instruments and the OneGloss PS instruments, with heads mounted on sturdy plastic mandrels, are disposable.

## Indications

### CHAIRSIDE

Finishing and polishing of all composite restorations and tooth enamel in one step, removal of excess cement without marring delicate inlays, removal of surface stains and polishing of tooth enamel after professional cleaning



#### OneGloss M / OneGloss:

**Min<sup>-1</sup>** Recom. 3,000 - 10,000 / Max. 15,000 /  
CP: 0.3 N for polishing / 1.0 N for finishing



#### OneGloss PS:

**Min<sup>-1</sup>** Recom. 3,000 - 5,000 / Max. 5,000 /  
CP: 0.3 N for polishing / 1.0 N for finishing



| Shape       | Cup  | Midpoint | IC   | Minipoint | Mandrel |
|-------------|------|----------|------|-----------|---------|
| ISO No.     | 060  | 060      | 100  | 030       |         |
| OneGloss M  | 0187 | 0188     | 0189 | 0186      |         |
| OneGloss    | 0181 | 0182     | 0183 |           | 0435    |
| OneGloss PS | 0176 | 0177     | 0178 |           |         |

## info

Use intermittent water spray when applying high pressure or polishing enamel.

OneGloss M polishers are sterilisable.

OneGloss and OneGloss PS polishers are disposable.

OneGloss M



## benefits

Silicone polishers with alumina

Optimal ratio of speed and contact pressure

No need to change instruments

No polishing paste is necessary

Optimal abrasive performance

Low vibration action

| PN                 | Quantity | Product  |
|--------------------|----------|--|
| <b>OneGloss M</b>  |          |  |
| 0186-0189          | 12 pcs.  | OneGloss M, mounted, CA shank shapes: cup, midpoint, IC, minipoint                   |
| <b>OneGloss</b>    |          |  |
| 0180               | 1 pc.    | OneGloss Kit<br>60 unmounted polishers (20 each cup, midpoint, IC) and 3 CA mandrels |
| 0181-0183          | 1 pc.    | OneGloss Refill<br>50 pcs., unmounted, shapes: cup, midpoint, IC                     |
| 0435               | 6 pcs.   | CA mandrel   |
| <b>OneGloss PS</b> |          |  |
| 0175               | 1 pc.    | OneGloss PS Kit<br>50 pcs.: 15x cup, 15x IC, 20x midpoint, all individually wrapped  |
| 0176-0178          | 50 pcs.  | OneGloss PS, all individually wrapped, shapes: cup, midpoint, IC                     |

# CompoSite ■ CompoSite Fine



1

For composite

CompoSite instruments are designed for a perfect finish of composite restorations without scratching the surrounding enamel. CompoSite polishers are used for finishing and prepolishing, CompoSite Fine (with white banded shank) for polishing. The flexible and adaptable cups and disks will polish subgingival and interproximal surfaces safely while pear points and midpoints are recommended for the polish of occlusal and lingual surfaces.



## benefits

- Silicone polishers with integrated abrasive grains
- Matched hardness of silicone
- Optimal ratio of speed and contact pressure
- No damage to enamel
- No polishing paste is needed
- Long-lasting tool life



**CA shank:**

**Min<sup>1</sup>** Recom. 10,000 - 12,000 / Max. 20,000 / CP 0.5 N



**FG shank:**

**Min<sup>1</sup>** Recom. 10,000 - 12,000 / Max. 15,000 / CP 0.5 N

## Indications

### ■ DENTAL PRACTICE

For finishing and polishing of micro and hybrid composite restorations such as inlays, onlays, crowns and bridges in the patient's mouth as well as for removing cements used for orthodontic brackets

| PN                    | Quantity | Product                                     |
|-----------------------|----------|---|
| 0191-0299, 196B, 296B | 12 pcs.  | CompoSite / CompoSite Fine, CA and FG shank |



|                | Shape   | Bullet | Knife | Wheel | Disk | Cup  | Pear-Point | IC   | Midpoint |
|----------------|---------|--------|-------|-------|------|------|------------|------|----------|
|                | ISO No. | 040    | 090   | 090   | 160  | 080  | 033        | 090  | 040      |
| CompoSite      | CA      | 0191   | 0192  | 0193  | 0194 | 0195 | 0196       | 0197 | 0198     |
|                | FG      |        |       |       |      |      | 196B       |      | 0199     |
| CompoSite Fine | CA      | 0291   | 0292  | 0293  | 0294 | 0295 | 0296       | 0297 | 0298     |
|                | FG      |        |       |       |      |      | 296B       |      | 0299     |

# Super-Snap ■ Super-Snap X-Treme



## Polishing of microfilled and hybrid composites

The Super-Snap and Super-Snap X-Treme polishing system consists of coated disks used for polishing microfilled and hybrid composites.



### No metal centre

Avoiding gouging and discolouration of composite and tooth enamel



### Thin and flexible disks

Bending under pressure without breaking and allowing easier access to interproximal areas



### Silicone shank protection

Elastic shank mount allows easy placement of the disk onto the mandrel

## benefits

Extremely thin and highly flexible

No metal centre

Consistent 4-step contouring, finishing and polishing system

No gouging of enamel or restoration

Disk securely attached to the mandrel (maximum control during polishing)

### Indications

#### DENTAL PRACTICE

Contouring, finishing, polishing and high-gloss polishing of composite restorations

- Contouring: Super-Snap disk black (coarse grit)
- Finishing: Super-Snap disk violet (medium grit)
- Polishing: Super-Snap disk green (fine grit)
- High-gloss polishing: Super-Snap disk red (superfine grit)



Min<sup>-1</sup> Recom. 10,000 - 12,000 / Max. 15,000 /  
Contact Pressure 0.3 - 0.6 N









## ■ Super-Snap Disks

Super-Snap disks have elastic shank mounts which allow easy placing of the disks onto the mandrel. The disks are manufactured without a metal centre, thus avoiding gouging and discolouration of the composite or enamel. The thin disks are flexible,

bending without breaking and allowing easier access to interproximal areas.

The disks are available with the safe side down, safe side up and coated on both sides and come in standard (ø 12 mm) and mini size (ø 8 mm).

|          | Contouring   |  | Finishing       |      |      |      | Polishing  |   | High-gloss polishing  |   |      |
|----------|--|--|-----------------|------|------|------|--|---|---|---|------|
| Disks    |   |  |                 |      |      |      |  |  |  |  |      |
|          | L506   |  | L507            | L508 | L509 | L528 | L522   | L501  | L519  | L502  | L521 |
|          | Black (coarse)   |  | Violet (medium) |      |      |      | Green (fine)   |   | Red (superfine)   |   |      |
|          |  |  |                 |      |      |      |  |   |   |   |      |
| Mandrels |  |  |                 |      |      |      |  |   |   |   |      |
|          | 0438   |  |                 |      | 0439 |      | 0440   |   |   |   |      |
|          | FG   |  |                 |      | CA   |      | CA (resin)   |   |   |   |      |

| PN                | Quantity | Product  |
|-------------------|----------|--|
| <b>Super-Snap</b> |          |  |
| N0510             | 1 pc.    | Super-Snap Disk Kit, CA shank (p. 26)                        |
| 0505              | 1 pc.    | Super-Snap Mini-Kit, CA shank                                |
| L506              | 50 pcs.  | Super-Snap disks, black (coarse), safe side down             |
| L507              | 50 pcs.  | Super-Snap mini disks, black (coarse), safe side down        |
| L508              | 50 pcs.  | Super-Snap disks, violet (medium), safe side down            |
| L509              | 50 pcs.  | Super-Snap disks, violet (medium), safe side up              |
| L528              | 50 pcs.  | Super-Snap disks, violet (medium), coated on both sides      |
| L522              | 50 pcs.  | Super-Snap mini disks, violet (medium), coated on both sides |
| L501              | 50 pcs.  | Super-Snap disks, green (fine), coated on both sides         |
| L519              | 50 pcs.  | Super-Snap mini disks, green (fine), coated on both sides    |
| L502              | 50 pcs.  | Super-Snap disks, red (superfine), coated on both sides      |
| L521              | 50 pcs.  | Super-Snap mini disks, red (superfine), coated on both sides |

| PN                        | Quantity | Product   |
|---------------------------|----------|---|
| <b>Super-Snap X-Treme</b> |          |   |
| N0511                     | 1 pc.    | Super-Snap X-Treme Disk Kit, CA shank (p. 26)   |
| 0506                      | 1 pc.    | Super-Snap X-Treme Standard Disk Kit, 50 each Super-Snap X-Treme disks green and red  |
| 0507                      | 1 pc.    | Super-Snap X-Treme Mini Disk Kit, 50 each Super-Snap X-Treme mini disks green and red |
| L511                      | 50 pcs.  | Super-Snap X-Treme disks, green (fine), coated on both sides                          |
| L512                      | 50 pcs.  | Super-Snap X-Treme disks, red (superfine), coated on both sides                       |
| L531                      | 50 pcs.  | Super-Snap X-Treme mini disks, green (fine), coated on both sides                     |
| L532                      | 50 pcs.  | Super-Snap X-Treme mini disks, red (superfine), coated on both sides                  |
| <b>Mandrels</b>           |          |   |
| 0438                      | 6 pcs.   | FG mandrel *  |
| 0439                      | 6 pcs.   | CA mandrel, steel   |
| 0440                      | 100 pcs. | CA mandrel, resin   |

Super-Snap disks and Super-Snap X-Treme disks are disposable.

\* Use FG shank only if low-speed motors with FG mounts are available.

# Super-Snap ■ Super-Snap X-Treme (continued from page 25)

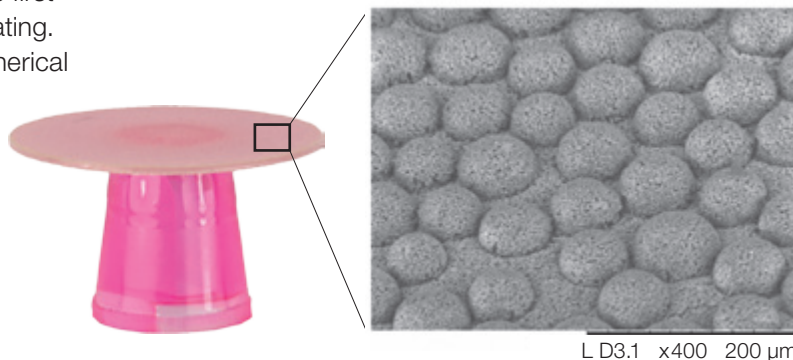
## Polishing of microfilled and hybrid composites

### ■ Super-Snap X-Treme Disks

The Super-Snap X-Treme disks – an enhancement of the original green and red Super-Snap disks – are thicker so that higher contact pressure can be used during polishing. They feature a longer service life and higher strength, while also maintaining their well-known flexibility in interproximal areas.

The red Super-Snap X-Treme disks are the first instruments featuring an innovative 3D coating. Between the uniformly distributed semispherical structures made of alumina particles, debris is collected and removed. This reliably prevents the disk from clogging or secondary scratches caused by polishing dust.

Super-Snap X-Treme disks (standard and mini) are coated on both sides.



Super-Snap Disk Kit

The kit contains 180 well-matched disks in four different grits (100 pcs. standard / 80 pcs. mini), 2 Dura-White stones (CN1 and FL2), 1 CompoSite Fine midpoint and 4 CA steel mandrels.



Super-Snap X-Treme Disk Kit

Contains 160 disks in four different grits (80 pcs. Super-Snap / 80 pcs. Super-Snap X-Treme), 2 Dura-White stones (CN1 and FL2), 2 CompoSite and CompoSite Fine midpoint each as well as 4 CA steel mandrels.



Super-Snap Mini-Kit

The kit contains 48 disks in all available grits (32 pcs. standard / 16 pcs. mini), 1 CompoSite Fine midpoint and 1 CA mandrel.



Super-Snap X-Treme Disk Kits

The Super-Snap X-Treme Standard Disk Kit contains 50 pcs. each red and green standard disks, while the Super-Snap X-Treme Mini-Disk Kit contains 50 pcs. each red and green mini disks.

# Super-Snap Buff Disk ■ Buff Mini-Disk



1

For composites, porcelain and gold restorations

The Super-Snap Buff Disks and Buff Mini-Disks feature a synthetic felt coating on the front side which retains expensive polishing pastes with minimum splatter or waste during use. Just a feathery polishing is sufficient for producing a high lustrous shine on porcelain and composites, with the flexible disks adapting to the tooth's natural contours. The disks have no metal centres or exposed mandrels thus avoiding discolouration or gouging of composites. The best results can be achieved in combination with SHOFU polishing pastes.



## benefits

Polishing paste adheres to the felt coating

Clean and economical working with polishing paste

No metal centre

## Indications

■ Felt disk for polishing composite, porcelain or gold restorations with polishing paste

| PN   | Quantity | Product                                  |
|------|----------|--|
| L523 | 25 pcs.  | Super-Snap Buff Disk + 1 CA mandrel      |
| L524 | 25 pcs.  | Super-Snap Buff Mini-Disk + 1 CA mandrel |
| 0438 | 6 pcs.   | FG mandrel                               |
| 0439 | 6 pcs.   | CA mandrel                               |

Super-Snap Buff Disks and Buff Mini-Disks are disposable.



Min-1 Recom. 5,000 - 10,000 / Max. 10,000 / Contact Pressure 0.3 - 0.6 N

# Super-Snap SuperBuff

For composite restorations



SuperBuff is a felt disk impregnated with alumina polishing paste for high gloss polishing of direct or indirect composite restorations. Before use the felt disks simply have to be moistened with water to generate a creamy polishing paste which leads quickly to a brilliant shine of the restoration. Both the front side and the flat lateral surface of the SuperBuff disk can be used for polishing.



## Indications

High gloss polishing of composite restorations



**Min<sup>-1</sup>** Recom. 8,000 - 12,000 / Max. 15,000 / CP 0.8 N  
Moisten before use

| PN   | Quantity | Product  |
|------|----------|--|
| 0535 | 1 pc.    | Super-Snap SuperBuff Kit<br>25 disks, 2 mandrels, CA shank |
| 0536 | 50 pcs.  | Super-Snap SuperBuff disks                                 |
| 0438 | 6 pcs.   | FG mandrel   |
| 0439 | 6 pcs.   | CA mandrel   |

SuperBuff polishing disks are disposable.



## benefits

Integrated polishing agent

Activated by water

Polishing of all composites

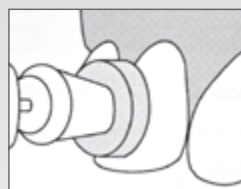
Faster than polishing with pastes



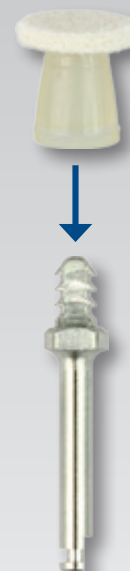
1. Moisten with water



2. Polishing compound is generated



3. High gloss polishing



# AcryPoint-E

For PMMA resins



1

The AcryPoint-E silicone polishers are designed for adjusting, finishing and polishing of acrylic dentures, all acrylic appliances and acrylic impression trays without the need to use additional polishing pastes.



## Indications

### LABORATORY

- The coarse dark grey AcryPoint-E are used for adjustments.
- The brown AcryPoint-E with medium grit are designed for finishing and prepolishing.
- The light grey AcryPoint-E with fine grit are recommended for polishing.



## benefits

- Three well-matched polishing steps
- Optimal surface polishing of PMMA
- Optimal contouring and prepolishing of acrylic bite splints in one step
- Exact match of abrasive grains and binder
- High gloss polishing without the need for an additional polishing agent
- Low vibration performance
- Low heat development



|            | Shape      | BP1    | PC2    |
|------------|------------|--------|--------|
|            | ISO No.    | 100    | 050    |
| Dark grey  | HP 6 pcs.  | SE0009 |        |
|            | HP 12 pcs. |        | SE0006 |
| Brown      | HP 6 pcs.  | SE0010 |        |
|            | HP 12 pcs. |        | SE0007 |
| Light grey | HP 6 pcs.  | SE0011 |        |
|            | HP 12 pcs. |        | SE0008 |



**Min<sup>-1</sup>** Recom. 5,000 - 10,000 / Max. 15,000 / CP 3-5 N  
Do not use intraorally!

| PN              | Quantity | Product                          |
|-----------------|----------|----------------------------------|
| SE0006 - SE0008 | 12 pcs.  | AcryPoint-E, shape PC2, HP shank |
| SE0009 - SE0011 | 6 pcs.   | AcryPoint-E, shape BP1, HP shank |

# Robot Points FG

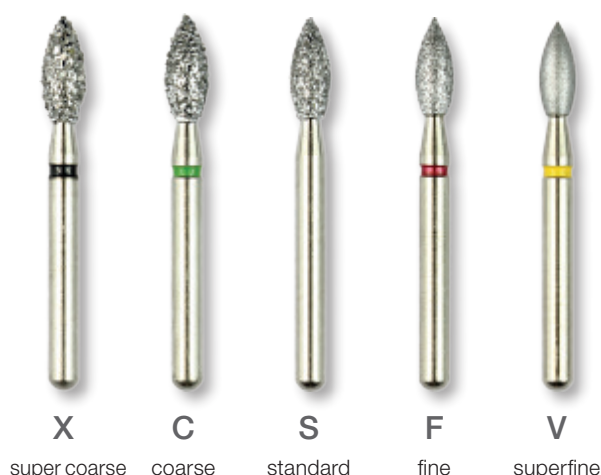


Precision diamonds for cavity and crown stump preparation and minimally invasive therapy

Precisely dosed amounts of natural diamond particles are evenly distributed over a one-piece shank made of hardened stainless steel. The ideal relation of the protruding and embedded parts of the diamond particles ensures a long-lasting low vibration performance.

## Grits

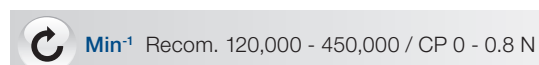
Besides the standard grained Robot Points (S, without shank marking), there is a range of super coarse (X, black banded shank), coarse (C, green banded shank), fine (F, red banded shank) and superfine (V, yellow banded shank) diamonds.



## Minimally invasive diamonds

Robot Points for minimally invasive therapy were developed for maximal protection and preservation of healthy tooth substance. Six special shapes are available for the fine preparation of wedge shaped defects up to occlusal cavities.

The differently shaped, delicate abrasives have a very homogeneous grit (100 µm, standard). The very short head length (0.7 - 2.0 mm) and a slender shank neck ensure an unimpeded view on the prepared surface. For precise preparation in accordance with the MiCD concept these Robot Points are used at a maximum speed of 300,000 rpm.



## benefits

Exact, even distribution of natural diamond particles

Five grits: super coarse, coarse, standard, fine, superfine

Shank and working end are produced from a one-piece blank

Long-lasting

Precise concentricity

## Indications

### DENTAL PRACTICE

For cavity and crown preparation as well as adjusting direct restorative materials

### LABORATORY

E. g. fine adjustments of full-contour occlusal surfaces of porcelain crowns, inlays, onlays; finishing of approximal areas

## Range of Application

Suitable for the following materials:

Tooth enamel, porcelain, composite, filling materials such as GIC and cements

## info

Robot Points should always be used intermittently with low pressure and water cooling.

The colour coding of the order number indicates the individual maximum speed:

|        |                  |
|--------|------------------|
| Cyan   | max. 450,000 rpm |
| Blue   | max. 300,000 rpm |
| Orange | max. 160,000 rpm |
| Violet | max. 120,000 rpm |

| Shape            | Straight Cylinder |        |        |        |        |         | Straight Cylinder, round end |        |        |        | Tapered Cylinder, flat end |        |        |        |        |
|------------------|-------------------|--------|--------|--------|--------|---------|------------------------------|--------|--------|--------|----------------------------|--------|--------|--------|--------|
|                  |                   |        |        |        |        |         |                              |        |        |        |                            |        |        |        |        |
| PN (6 pcs.)      | 0800-1            | 0801-1 | 0803-1 | 0805-1 | 0807-1 | 0808V-1 | 845X-1                       | 845C-1 | 0846-1 | 846F-1 | 0810-1                     | 0812-1 | 0813-1 | 0814-1 | 0816-1 |
| ISO No.          | 010               | 013    | 015    | 016    | 018    | 013     | 016                          | 015    | 016    | 014    | 012                        | 017    | 017    | 022    | 016    |
| Head length (mm) | 4.0               | 4.5    | 7.0    | 7.0    | 7.0    | 8.0     | 8.0                          | 8.0    | 8.0    | 8.0    | 4.0                        | 4.4    | 5.0    | 5.0    | 7.0    |

| Shape            | Tapered Cylinder, flat end |        |        |        |        |        |        | Tapered Cylinder, round end |        |        |        |        |        |        |        |
|------------------|----------------------------|--------|--------|--------|--------|--------|--------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
|                  |                            |        |        |        |        |        |        |                             |        |        |        |        |        |        |        |
| PN (6 pcs.)      | 817C-1                     | 0818-1 | 0820-1 | 820F-1 | 0822-1 | 0824-1 | 0830-1 | 0831-1                      | 832X-1 | 0832-1 | 832F-1 | 0833-1 | 833V-1 | 0834-1 | 835X-1 |
| ISO No.          | 019                        | 021    | 017    | 015    | 020    | 022    | 013    | 013                         | 018    | 016    | 015    | 017    | 018    | 016    | 019    |
| Head length (mm) | 9.0                        | 9.0    | 10.0   | 10.0   | 12.0   | 10.0   | 5.0    | 9.0                         | 7.0    | 7.0    | 7.0    | 9.0    | 9.0    | 10.0   | 9.0    |

| Shape            | Tapered Cylinder, round end |        |        |        |        |        |        |        | Tapered Cylinder, corner round |        |        |        |        |        |        |
|------------------|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------------------------------|--------|--------|--------|--------|--------|--------|
|                  |                             |        |        |        |        |        |        |        |                                |        |        |        |        |        |        |
| PN (6 pcs.)      | 835C-1                      | 0835-1 | 835F-1 | 0836-1 | 836V-1 | 0837-1 | 0838-1 | 0839-1 | 839V-1                         | 0789-1 | 789V-1 | 0790-1 | 790V-1 | 0791-1 | 791V-1 |
| ISO No.          | 018                         | 018    | 016    | 021    | 021    | 023    | 023    | 023    | 023                            | 018    | 018    | 021    | 021    | 018    | 018    |
| Head length (mm) | 9.0                         | 9.0    | 9.0    | 9.0    | 9.0    | 9.0    | 11.5   | 9.0    | 9.0                            | 4.0    | 4.0    | 5.0    | 5.0    | 7.0    | 7.0    |

| Shape            | Tapered Cylinder, corner round |        |        |        |        |        |        | Tapered Cylinder, needle |        |        |        |        |        |        |        |
|------------------|--------------------------------|--------|--------|--------|--------|--------|--------|--------------------------|--------|--------|--------|--------|--------|--------|--------|
|                  |                                |        |        |        |        |        |        |                          |        |        |        |        |        |        |        |
| PN (6 pcs.)      | 0792-1                         | 792V-1 | 0793-1 | 793V-1 | 0825-1 | 825V-1 | 0826-1 | 826V-1                   | 847F-1 | 0848-1 | 848F-1 | 850X-1 | 0850-1 | 850F-1 | 0852-1 |
| ISO No.          | 019                            | 019    | 023    | 023    | 027    | 027    | 031    | 031                      | 014    | 013    | 012    | 018    | 016    | 015    | 022    |
| Head length (mm) | 10.0                           | 10.0   | 10.0   | 10.0   | 3.5    | 3.5    | 3.5    | 3.5                      | 6.0    | 8.0    | 8.0    | 10.0   | 10.0   | 10.0   | 10.0   |









| Shape            | Flame  |        |        |        |        |        |        |        |        |        | Bud    |        |        |        |        |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                  |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
| PN (6 pcs.)      | 840X-1 | 840C-1 | 0840-1 | 840F-1 | 840V-1 | 841V-1 | 0842-1 | 842F-1 | 843V-1 | 0844-1 | 0880-1 | 880V-1 | 0881-1 | 883X-1 | 883C-1 |
| ISO No.          | 016    | 015    | 014    | 013    | 012    | 009    | 017    | 016    | 012    | 023    | 017    | 014    | 022    | 023    | 022    |
| Head length (mm) | 7.5    | 7.5    | 7.5    | 7.5    | 7.5    | 4.0    | 7.5    | 7.5    | 6.0    | 9.0    | 3.0    | 3.4    | 3.5    | 5.0    | 5.0    |

# Robot Points FG (continued from page 31)

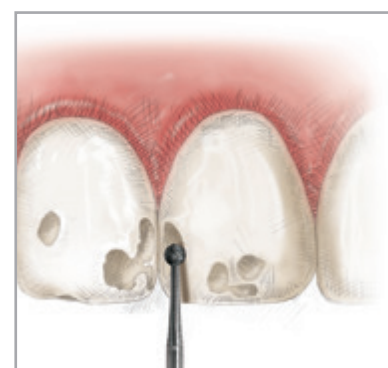
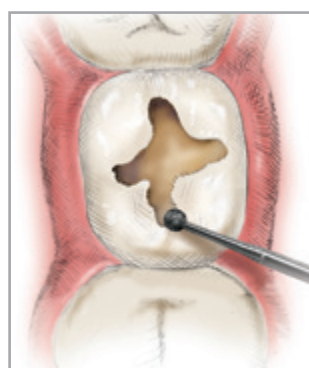
Precision diamonds for cavity and crown stump preparation and minimally invasive therapy

| Shape            | Bud    |        |        | Inverted Cone S Type |        |        |        |        |        |        | Inverted Cone |        |        |        | Ball   |
|------------------|--------|--------|--------|----------------------|--------|--------|--------|--------|--------|--------|---------------|--------|--------|--------|--------|
|                  |        |        |        |                      |        |        |        |        |        |        |               |        |        |        |        |
| PN (6 pcs.)      | 0883-1 | 883F-1 | 883V-1 | 0855-1               | 0856-1 | 0858-1 | 0859-1 | 0860-1 | 0861-1 | 0864-1 | 0865-1        | 0866-1 | 0868-1 | 0870-1 | 0872-1 |
| ISO No.          | 022    | 020    | 019    | 013                  | 018    | 021    | 010    | 015    | 017    | 014    | 016           | 025    | 020    | 024    | 014    |
| Head length (mm) | 5.0    | 5.0    | 5.0    | 1.5                  | 2.0    | 2.3    | 2.2    | 3.6    | 3.5    | 1.4    | 1.6           | 1.7    | 4.4    | 7.0    | 1.0    |

| Shape            | Ball  |   |   |   |   |   | Pear  |   |   |   |   |   | Wheel   |  |   |
|------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|
|                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PN (6 pcs.)      | 0874-1  | 874V-1  | 0875-1  | 875F-1  | 876X-1  | 0876-1  | 0878-1  | 0879-1  | 0882-1  | 882V-1  | 0891-1  | 892X-1  | 0892-1  | 0885-1   | 0886-1  |
| ISO No.          | 016   | 015   | 018   | 017   | 024   | 022   | 015   | 018   | 021   | 020   | 025   | 034   | 033   | 044  | 052   |
| Head length (mm) | 1.2   | 1.3   | 1.4   | 1.4   | 1.8   | 1.8   | 4.5   | 4.5   | 5.0   | 5.0   | 6.5   | 5.0   | 5.0   | 1.4  | 0.8   |

| Shape            | Wheel, knife edge   |   | Wheel, round end  |   |   |   | Egg   |   | Guide Groove Cutter  |   | Corn  |   | Special Shape   |   |   |
|------------------|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|
|                  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| PN (6 pcs.)      | 0888-1  | 0890-1  | 0894-1  | 895X-1  | 895C-1  | 0895-1  | 0893-1  | 893V-1  | 0896-1   | 0897-1  | 898X-1  | 0898-1  | 889V-1  | 0899-1  | 899V-1  |
| ISO No.          | 028   | 050   | 034   | 047   | 046   | 046   | 029   | 029   | 026  | 036   | 034   | 033   | 028   | 035   | 035   |
| Head length (mm) | 0.8   | 1.2   | 1.3   | 1.9   | 1.8   | 1.8   | 4.9   | 4.9   | 3.6  | 4.0   | 5.0   | 5.0   | 5.6   | 5.7   | 5.7   |

| Shape            | MI Preparation |        |        |        |        |        |
|------------------|----------------|--------|--------|--------|--------|--------|
|                  |                |        |        |        |        |        |
| PN (6 pcs.)      | 0944-1         | 0945-1 | 0946-1 | 0947-1 | 0948-1 | 0949-1 |
| ISO No.          | 009            | 011    | 013    | 008    | 010    | 012    |
| Head length (mm) | 0.7            | 0.9    | 1.1    | 2.0    | 2.0    | 2.0    |



Six special shapes are available for minimally invasive treatment. They can be used for the fine preparation of wedge shaped defects up to occlusal cavities.

# All Ceramic Preparation Kit



1

Preparation system for all-ceramic restorations

This assortment of 17 instruments is ideally suited for the preparation of anterior teeth, premolars and molars, as well as inlay and veneer preparations. The shapes of the abrasives are matched to the different preparation designs, ensuring optimal congruence of shapes.

## Contents

Robot Points - 1 each:

808V-1, 0825-1, 825V-1, 0826-1, 826V-1, 0833-1, 833V-1, 0836-1, 836V-1, 0839-1, 839V-1, 0893-1, 893V-1, 0896-1, 0897-1, 0899-1, 899V-1

| PN   | Quantity | Product                     |
|------|----------|-----------------------------|
| 0955 | 1 pc.    | All Ceramic Preparation Kit |



# CAD/CAM Preparation Kit



Preparation kit for all-ceramic and hybrid ceramic CAD/CAM restorations

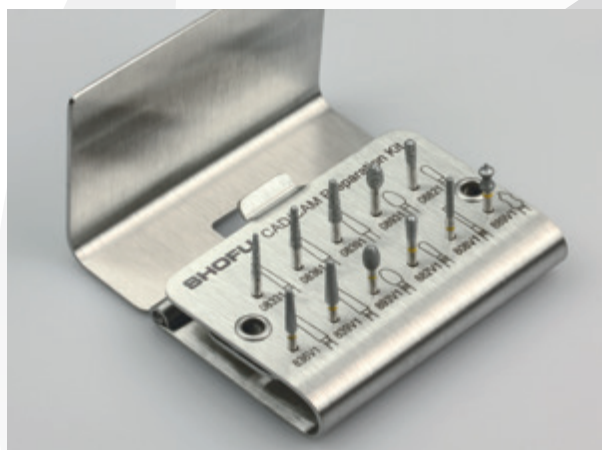
The attractively designed assortment contains eleven diamond coated and shape adjusted rotary instruments for the quick and easy conservative preparation as well as for the preparation for all-ceramic or hybrid ceramic restorations; anterior and posterior. The high-quality bur stand is made of stainless steel and can be sterilised.

## Contents

Robot Points - 1 each:

0833-1, 0836-1, 836V-1, 0839-1, 839V-1, 0893-1, 893V-1, 0882-1, 882V-1, 808V-1, 889V-1

| PN   | Quantity | Product                 |
|------|----------|-------------------------|
| 0956 | 1 pc.    | CAD/CAM Preparation Kit |





# Hybrid Points

## Diamond points for cavity and crown stump preparation

Hybrid Points are the result of a development process combining both diamond and abrasive technologies. The special coating technology with natural diamond particles in standard grit guarantees a high cutting efficiency with a low contact pressure and secure cooling. Twelve different shapes and sizes are available for the different preparation steps.

| PN               | 0901-1 | 0903-1 | 0905-1 | 0907-1 | 0909-1 | 0911-1 | 0913-1 | 0915-1 | 0917-1 | 0919-1 | 0921-1  | 0923-1  |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| ISO No.          | 010    | 014    | 018    | 008    | 010    | 008    | 010    | 009    | 010    | 012    | 010     | 012     |
| Head length (mm) | 1.0    | 1.0    | 1.6    | 1.0    | 0.8    | 3.0    | 1.4    | 2.9    | 4.0    | 4.0    | 3.7     | 3.7     |
| Bur No.          | 2      | 4      | 6      | 34     | 35     | 245    | 331    | 556/56 | 557/57 | 558/58 | 700/170 | 701/171 |

## benefits

- Exact, uniform distribution of the diamond particles
- Sturdy stainless shank
- Low vibration grinding
- High cutting efficiency with low contact pressure and secure cooling



Min<sup>-1</sup> Recom. 300,000 - 450,000 / CP 0 - 0.8 N

| PN            | Quantity | Product                 |
|---------------|----------|-------------------------|
| 0901-1-0923-1 | 6 pcs.   | Hybrid Points, FG shank |
| 0900          | 1 pc.    | Hybrid Points Kit       |

The instruments are individually packed in plastic containers.



### Indications

- DENTAL PRACTICE
- Cavity and crown stump preparations

### Range of Application

Suitable for the following materials:  
Tooth enamel, porcelain



The Hybrid Points Kit contains 12 Hybrid Points and 10 T&F Hybrid Points.

## info

The colour coding of the order number indicates the individual maximum speed:

- Cyan max. 450,000 rpm
- Blue max. 300,000 rpm

# T&F Hybrid Points



1

Ultrafine diamonds for finishing of tooth enamel, porcelain and composite

T&F Hybrid Points with their ultrafine diamond particles fulfill the requirements of modern, aesthetic dentistry regarding minimal corrections and best preparation for polishing.

The instruments are available in ten different sizes and shapes for the different preparation steps and are individually packed in plastic containers.

| PN               | 0925-1 | 0927-1 | 0929-1 | 0931-1 | 0933-1 | 0935-1 | 0937-1 | 0939-1 | 0941-1 | 0943-1 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ISO No.          | 018    | 014    | 018    | 014    | 018    | 012    | 009    | 012    | 013    | 011    |
| Head length (mm) | 1.6    | 3.0    | 3.5    | 3.0    | 3.5    | 4.0    | 3.7    | 4.2    | 6.0    | 8.0    |
| Bur No.          | 7006   | 7104   | 7106   | 7404   | 7406   | 7803   | 7901   | 7903   | LT1    | LT2    |

## Indications

### DENTAL PRACTICE

Finishing of composites; very fine adjustments to tooth enamel and porcelain

## Range of Application

Suitable for the following materials:  
Tooth enamel, porcelain, composites



The T&F Hybrid Points Kit contains all 10 shapes.

## benefits

Exact, even distribution of very fine diamond particles

Computerised manufacturing technique

Consistent cutting efficiency

Ideal surface finish before final polishing

Precise concentricity



Min<sup>-1</sup> Recom. 300,000 - 450,000 / CP 0 - 0.8 N

| PN            | Quantity | Product                     |
|---------------|----------|-----------------------------|
| 0925-1-0943-1 | 6 pcs.   | T&F Hybrid Points, FG shank |
| 0950          | 1 pc.    | T&F Hybrid Points Kit       |

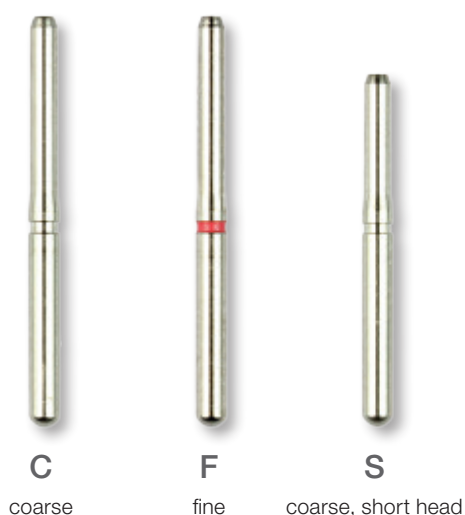


# TPE Diamonds

Tissue-protective, end-cutting diamonds for the subgingival shoulder preparation

A significant feature of these diamonds is the uncoated bevelled section behind the cutting surface, designed to avoid any damage to the adjacent soft tissue or undercuts in the axial wall during a shoulder preparation. TPE Diamonds (Tissue-Protective, End-Cutting) are available in normal head length with fine and coarse grit and in short head length with coarse grit.

| PN               | 680C-1 | 680F-1 | 682C-1 | 682F-1 | 682S-1 | 684C-1 | 684F-1 | 684S-1 | 686C-1 | 686F-1 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ISO No.          | 010    | 010    | 012    | 012    | 012    | 014    | 014    | 014    | 016    | 016    |
| Head length (mm) | 9.0    | 9.0    | 9.0    | 9.0    | 6.0    | 9.0    | 9.0    | 6.0    | 9.0    | 9.0    |
| Diameter (mm)    | 1.0    | 1.0    | 1.2    | 1.2    | 1.2    | 1.4    | 1.4    | 1.4    | 1.6    | 1.6    |



Min<sup>-1</sup> Recom. 300,000 - 450,000 / CP 0 - 0.8 N



The TPE Diamonds Kit contains nine selected diamonds.

## benefits

- End-cutting for tissue conservation
- Exactly centred
- Long-lasting
- Consistent cutting efficiency

### Indications

#### DENTAL PRACTICE

- Coarse (C – no shank marking):  
for rapid reduction of the shoulder margin into the gingival sulcus
- Fine (F – red banded shank):  
for smooth finishing of the shoulder margin, finishing subgingival shoulder preparation

The short head (in coarse grit only) is recommended when accessibility is limited.

### Range of Application

Tooth enamel: shoulder preparation

| PN            | Quantity | Product                |
|---------------|----------|------------------------|
| 680C-1-686F-1 | 6 pcs.   | TPE Diamonds, FG shank |
| 0688          | 1 pc.    | TPE Diamonds Kit       |



# Gingi Curettage Diamonds

For crown and bridge preparation and grinding of tooth stumps

The gold coloured standard grit FG diamonds are designed to create a chamfer on the tooth surface in crown and bridge preparations, giving an ideal profile for precise impression taking. They are made with a 3° axial side taper, a 45° tip angle to the axis and a 1.52 mm tip radius.

| PN               | C061-1 | C062-1 | C063-1 | C081-1 | C082-1 | C083-1 | C084-1 | C085-1 | C101-1 | C102-1 | C103-1 |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ISO No.          | 012    | 014    | 017    | 013    | 016    | 018    | 019    | 021    | 014    | 015    | 021    |
| Head length (mm) | 6.0    | 6.0    | 6.0    | 8.0    | 8.0    | 8.0    | 8.0    | 8.0    | 10.0   | 10.0   | 10.0   |



Min<sup>-1</sup> Recom. 160,000 - 450,000 / CP 0 - 0.8 N

| PN              | Quantity | Product                            |
|-----------------|----------|------------------------------------|
| C061-1 - C103-1 | 6 pcs.   | Gingi Curettage Diamonds, FG shank |
| C200            | 1 pc.    | Gingi Curettage Diamonds Kit       |

## Indications

### DENTAL PRACTICE

Crown and bridge preparation, grinding of tooth stumps

## Range of Application

Suitable for the following materials:  
Tooth enamel and dentine



# benefits

Exact, even distribution of the diamond particles

Precise concentricity

Low vibration performance

High cutting efficiency with low pressure and secure cooling

# info

The colour coding of the order number indicates the individual maximum speed:

|        |                  |
|--------|------------------|
| Cyan   | max. 450,000 rpm |
| Blue   | max. 300,000 rpm |
| Orange | max. 160,000 rpm |



The Gingi Curettage Diamonds Kit contains the six most popular shapes C062-1, C081-1, C083-1, C084-1, C102-1, C103-1.

# Porcelain Laminate Polishing Kit



Systematic polishing of porcelain and enamel in three steps

With the polishers Ceramisté Standard, Ceramisté Ultra and Ceramisté Ultra II this kit offers the proper instruments for each working step from prepolishing to high-gloss polishing. The assortment of Ceramisté polishers with midpoint and cup shapes is ideal for harmonising the marginal seals between porcelain and tooth enamel. The kit is also suitable for polishing porcelain veneers.

## Contents

Ceramisté Standard: 4 each cup, midpoint

Ceramisté Ultra: 2 each cup, midpoint

Ceramisté Ultra II: 1 each cup, midpoint

| PN   | Quantity | Product                                    |
|------|----------|--|
| 0317 | 1 pc.    | Porcelain Laminate Polishing Kit, CA shank |
| 0318 | 1 pc.    | Porcelain Laminate Polishing Kit, FG shank |



# Enamel Adjustment Kit



For adjustment and systematic polishing of tooth enamel and porcelain

The Enamel Adjustment Kit is indispensable to dental practice for very fine adjustments of natural dentition or porcelain restorations and subsequent high-gloss polish in the patient's mouth. The choice of shapes is particularly well suited for working on difficult to reach areas, such as interproximal areas or occlusal surfaces.

## Contents

Dura-White: 1 each FL2, RD1, TC1

Ceramisté Standard: 1 each knife, wheel, bullet

Ceramisté Ultra: 1 each knife, wheel, bullet

Ceramisté Ultra II: 1 each knife, wheel, bullet

| PN   | Quantity | Product                         |
|------|----------|---------------------------------|
| 0307 | 1 pc.    | Enamel Adjustment Kit, CA shank |



# Amalgam Polishing Kit



Polishing kits designed for restorations made of amalgam or precious alloys, also suitable for all composites and ceramics

The kits are available in contra-angle or friction grip shanks and contain the instruments needed for all polishing steps up to high gloss.

## Contents

Cup: 3x Brownie, 2x Greenie, 1x Supergreenie

Minipoint: 3x Brownie, 2x Greenie, 1x Supergreenie

| PN   | Quantity | Product                         |
|------|----------|---------------------------------|
| 0308 | 1 pc.    | Amalgam Polishing Kit, CA shank |
| 0309 | 1 pc.    | Amalgam Polishing Kit, FG shank |



# Composite Technique Kit



For composite restorations

Quickly, easily and without the need for additional materials, CompoSite and CompoSite Fine polish the entire surface structure of a white filling in only two steps. Simultaneously the surface is sealed to prevent bacterial infiltration.

## Contents

Dura-White: 1 each CN1, FL2

CompoSite: 1 each bullet, knife, wheel, disk, cup, midpoint, pear-point, IC

CompoSite Fine: 1 each bullet, knife, wheel, disk, cup, midpoint, pear-point, IC

| PN   | Quantity | Product                           |
|------|----------|-----------------------------------|
| 0322 | 1 pc.    | Composite Technique Kit, CA shank |



# Composite Finishing Kit



For reducing and finishing of composite restorations

The kits are ideally suited for reducing and finishing composite fillings, also in interproximal and subgingival areas.

## Contents

Dura-Green: 3 each CN1, FL2

Dura-White: 3 each CN1, FL2

| PN   | Quantity | Product                           |
|------|----------|-----------------------------------|
| 0306 | 1 pc.    | Composite Finishing Kit, CA shank |
| 0302 | 1 pc.    | Composite Finishing Kit, FG shank |



# Composite Polishing Kit



For finishing and polishing of composite restorations

The kit contains all instruments for contouring, finishing and polishing all types of composite restorations: Dura-Green stones to reduce excess material, Dura-White stones for finishing, CompoSite polishers for prepolishing and CompoSite Fine instruments for high gloss without damage to the enamel.

## Contents

Dura-Green: 1 each CN1, FL2

Dura-White: 1 each CN1, FL2

CompoSite: 2 each bullet, knife, wheel

CompoSite Fine: 1 each cup, disk

| PN   | Quantity | Product                           |
|------|----------|-----------------------------------|
| 0310 | 1 pc.    | Composite Polishing Kit, CA shank |



# Ceramage Finishing & Polishing Kit



1

For all microhybrid composites with a high porcelain filler content

The assortment contains all necessary rotary instruments for finishing and polishing of Ceramage, Ceramage UP and highly filled microhybrid composites. The selection of shapes is also suitable for working on occlusal or interproximal areas.

## Contents

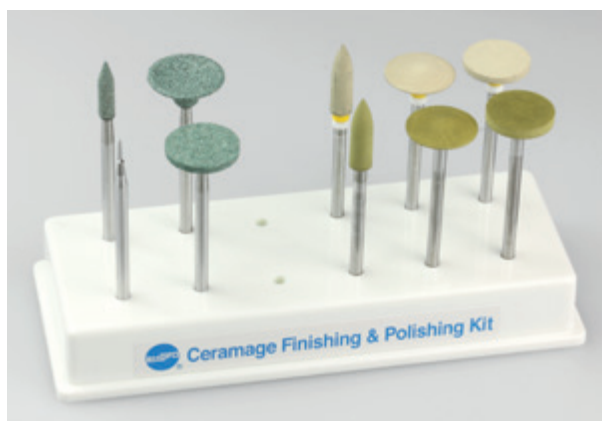
Robot Carbide Fissure Bur: 1x SH97

Dura-Green: 1 each IC9, PC1, WH6

CompoMaster Coarse: 1 each bullet, KN7, WH6

CompoMaster: 1 each bullet, KN7, WH6

| PN   | Quantity | Product                                      |
|------|----------|--|
| 0333 | 1 pc.    | Ceramage Finishing & Polishing Kit, HP shank |



# DirectDia Paste



Diamond impregnated polishing paste for intra and extraoral high gloss polish

DirectDia Paste contains 20 % diamond particles in grain sizes of 2-4  $\mu\text{m}$ . It creates high gloss on natural enamel and all restorative materials (porcelain, direct and indirect composites, metals etc.). The paste has a pleasant lime flavour and is easily visible in the patient's mouth because of its light green colour.



Rice-grain-sized quantity for one tooth



Use of Super-Snap Buff Disk



Easily visible due to green colouring

## Indications

- Removal of discolourations and high lustre polishing of all restorative materials
- Polishing and cleaning of natural teeth

| PN   | Quantity  | Product   |
|------|-----------|---|
| 0558 | 1 syringe | DirectDia Paste, 3 g<br>2 application tips with cap |

## benefits

Green colour for easy visibility in the patient's mouth

Exact dosing by the application tip

Well-matched viscosity for easy handling

Pleasant lime flavour

## info

Recommended for use with Super-Snap Buff Disks and Buff Mini-Disks. The flexible felt disks allow an effective application and reach all areas of the natural tooth.

To prevent splatter and avoid excessive heat generation always use rotary instruments at speeds below 10,000 rpm.

The surface does not have to be dry. Subsequently rinse thoroughly with water.



# ZirGloss



1

High-performance polishing compound for monolithic zirconia and lithium disilicate

ZirGloss allows you to professionally polish monolithic zirconia and lithium disilicate restorations to a high gloss in just a few seconds. The compound is based on diamond and alumina particles of well-matched grits, which are embedded in a carrier paste and control the removal rate and the gloss level.

ZirGloss releases its abrasive particles in a controllable way, depending on the contact pressure you apply to your goat or bison hair brush when polishing with your handpiece. You can accurately polish even the finest details of the occlusal anatomy. The result is a dense, high-gloss surface with all contours, virtually eliminating the need for final firing.



## Indications

Polishing of restorations made of zirconia, lithium disilicate or porcelain



**Min<sup>-1</sup>** Max. 10,000  
Not suitable for intraoral use!



## benefits

Quickly polishes monolithic zirconia and lithium disilicate restorations to a high gloss

Firm consistency, splatter-free when loading the brush

Very economical to use

Virtually eliminates the need for final firing

| PN    | Quantity | Product                           |
|-------|----------|-----------------------------------|
| N0002 | 1 jar    | ZirGloss polishing compound, 20 g |



## Achieve a high gloss in three steps

Final polishing with ZirGloss is an integral part of a systematic three-step process of extraoral surface treatment:

1. Correcting and contouring with Dura-Green DIA diamond abrasives (p. 12)
2. Prepolishing and finishing with ZiLMaster Coarse silicone polishers (p. 16)
3. Gloss and high-gloss polishing with ZirGloss high-performance polishing compound

The step-by-step increase in fineness from coarse to fine creates micro-finely sealed surfaces.

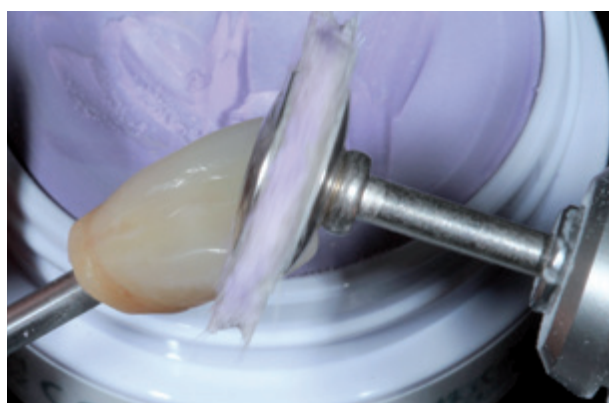
# Dura-Polish ■ Dura-Polish DIA



Polishing paste system for composite and porcelain

Dura-Polish is impregnated with fine alumina particles (more than 73 % by weight) and efficiently achieves a very homogeneous surface when prepolishing composite, alloys, denture acrylics and PMMA, especially in difficult to reach areas.

Dura-Polish DIA is filled to an extremely high level (67 % by weight) with industrial diamond particles. Due to the ultrafine particle size of < 1 µm this paste polishes composites and porcelain to an excellent and durable gloss in a minimum of time.



## Indications

### ■ DURA-POLISH

Prepolishing and polishing of composite, alloy and denture acrylics

### ■ DURA-POLISH DIA

High-lustre polishing of composite and porcelain, zirconia and alloys



**Min<sup>-1</sup>** Max. 10,000  
Not suitable for intraoral use!

## benefits

Good adhesion, reliably sticks to the surface

Firm consistency, for minimum risk of splattering

Economical to use

Excellent polishing properties

| PN   | Quantity | Product              |
|------|----------|----------------------|
| 0552 | 1 jar    | Dura-Polish, 20 g    |
| 0554 | 1 jar    | Dura-Polish DIA, 5 g |





# Merssage ■ Pressage

Prophylaxis pastes for all indications

These prophylaxis pastes are available in different types. The fluoride containing Merssage pastes remove plaque and provide a smooth and polished tooth surface. The fluoride-free Pressage paste is designed for cleaning tooth surfaces before bleaching or pit & fissure sealing.

## Indications

### ■ MERSSAGE REGULAR

RDA 170-180, with fluoride

Merssage Regular – with peppermint taste – is used for the removal of discolouration and at the beginning of the prophylaxis treatment, as well as for polishing teeth surfaces after the removal of orthodontic appliances.

### ■ MERSSAGE FINE

RDA 40-50, with fluoride

Merssage Fine – with lemon taste – is used for the removal of plaque and extrinsic stains on the tooth surfaces and for polishing after scaling or bleaching.

### ■ MERSSAGE PLUS

RDA < 10, with fluoride

Merssage Plus – with orange taste – is used for polishing after scaling or bleaching, for prevention of reattached stains as well as for cleaning of restorative materials and polishing the surface.

### ■ PRESSAGE

RDA 170-180, without fluoride

The tasteless Pressage paste is used for the surface cleaning before bleaching or application of etchants, bonding agents or fissure sealants. It does not contain fluoride, as this can weaken the bonding strength and the bleaching effect.



Min<sup>-1</sup> Max. 2,000  
Do not operate with water spray!

| PN   | Quantity | Product                |
|------|----------|------------------------|
| 0572 | 1 tube   | Merssage Regular, 40 g |
| 0573 | 1 tube   | Merssage Fine, 40 g    |
| 0575 | 1 tube   | Merssage Plus, 38 g    |
| 0574 | 1 tube   | Pressage, 40 g         |

# Mandrels



## Mandrels for unmounted wheels and disks

The mandrels made of stainless steel are available with contra-angle and friction grip shanks (CA, FG). Single use resin mandrels are available in contra-angle. Further information regarding handling can be found on page 6.

| PN   | Quantity | Product  |
|------|----------|--|
| 0435 | 6 pcs.   | CA mandrel for OneGloss polishers  |
| 0439 | 6 pcs.   | CA mandrel for Super-Snap disks, Super-Snap SuperBuff, Super-Snap Buff Disks |
| 0438 | 6 pcs.   | FG mandrel for Super-Snap disks, Super-Snap SuperBuff, Super-Snap Buff Disks |
| 0440 | 100 pcs. | CA mandrel, resin, for Super-Snap disks                                      |



# Dressing Tools



## For shaping and cleaning of abrasives and polishers

For the precise work with abrasives and polishers shapes often need to be customised. Besides, sharp edges or rounded parts may be worn, so that the instrument is no longer used, even though there still is enough material on the shank.

The diamond impregnated Abrasives Dresser for ceramic-bonded stones and polishers and the SHOFU Adjuster made of alumina for the Dura-Green DIA instruments enable easy shaping of edges and rounded parts, as well as cleaning of the instruments.



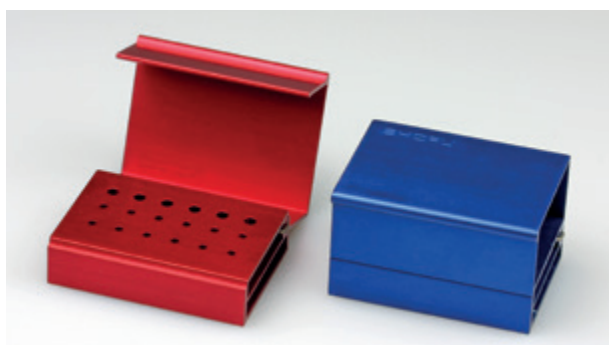
| PN   | Quantity | Product                            |
|------|----------|------------------------------------|
| 0781 | 1 pc.    | Abrasives Dresser, 100 x 15 x 4 mm |
| 0504 | 1 pc.    | SHOFU Adjuster, 85 x 17 x 10 mm    |



# Bur Stands

For systematic storage and preparation in the dental practice

The Bur Block and the Bur Station II are ideal bur stands for the storage of contra-angle (CA) and friction grip (FG) instruments. The organisers are handy and aid easy transportation of up to 12 FG and 6 CA instruments. Depending on indications, various individual sets can be assembled.



## Bur Block

The lockable lid keeps the instruments in the right order; the open sides ensure total sterilisation and disinfection of up to 18 instruments (12 FG and 6 CA). Depending on the procedure (e. g. cavity preparation), individual colour coded instrument sets can be assembled.

- Aluminium housing with lockable lid
- 5 colours: black, blue, gold, green, red
- Dimensions: 4.4 x 3.1 x 2.6 cm
- For 12 FG and 6 CA instruments



## Bur Station II

The Bur Station II for storage and sterilisation of up to 17 instruments (11x FG and 6x CA) is made of a multifunctional resin, featuring high resistance to heat (< 140°C) and chemicals. It is available in two colours.

- Multi-functional resin stand with lockable lid
- 2 colours: yellow, light blue
- Dimensions: 4.2 x 2.2 x 3 cm
- For 11 FG and 6 CA instruments

## benefits

Can be closed securely

Can be disinfected and sterilised in an autoclave

| PN   | Quantity | Product                    |
|------|----------|----------------------------|
| 92BK | 1 pc.    | Bur Block, black           |
| 92BL | 1 pc.    | Bur Block, blue            |
| 92GL | 1 pc.    | Bur Block, gold            |
| 92GN | 1 pc.    | Bur Block, green           |
| 92MN | 1 pc.    | Bur Block, red             |
| 0796 | 1 pc.    | Bur Station II, yellow     |
| 0797 | 1 pc.    | Bur Station II, light blue |



Composites  
Cements

50 - 61  
62 - 64



## DIRECT RESTORATIONS



# BEAUTIFIL: A System for All Indications and Needs

Beautifil is a complete system of light-cured composite materials for all dental professionals who set great store by aesthetics, safety and efficiency in restorative dentistry.



Before restoration



After restoration

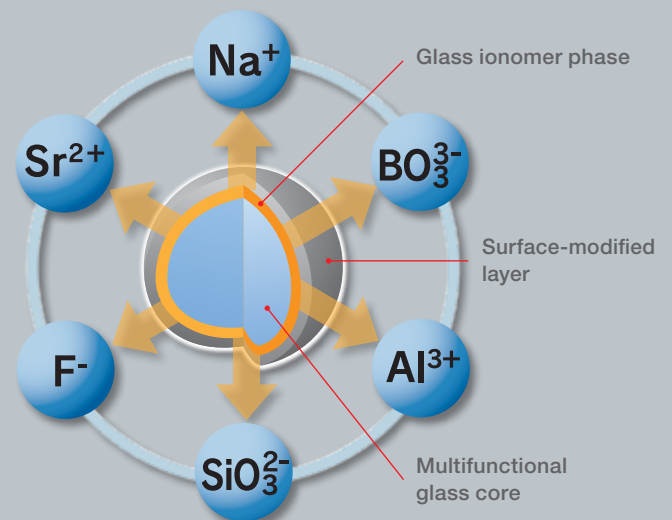
Whether small cervical or large Class I and II cavities, whether anterior or posterior teeth, whether flowable, packable or injectable: The Beautifil series of direct composite resins offers practitioners a modern and reliable restorative system covering all clinical indications of conservative/restorative dentistry.

## Benefits of the BEAUTIFIL series

- Multifunctional system for countless applications
- Sophisticated Giomer-based shade and material system
- Various consistencies and delivery forms
- Natural light transmission/diffusion and shade matching
- Anti-plaque effect
- Sustainable fluoride release and recharge
- Remarkable radiopacity
- High abrasion and fracture resistance

## Long-term protection

All Beautifil products are multifunctional composites of the Giomer category. They not only show excellent aesthetic and mechanical properties, but also help to protect the tooth thanks to their S-PRG filler.

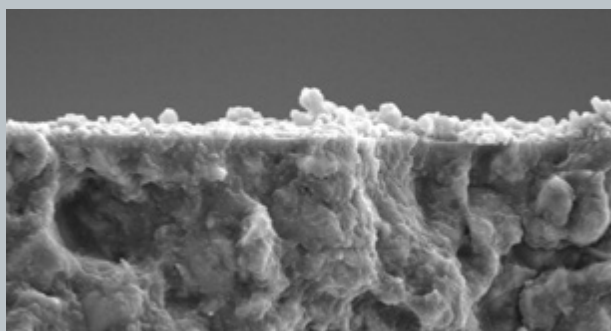


The trimeric structure of the S-PRG filler particles forms a stable zone of interaction, designed to sustainably release and recharge ions. The filler releases fluoride and other ions – for effective long-term protection by tooth structure remineralisation, plaque inhibition, and acid buffering and neutralisation.

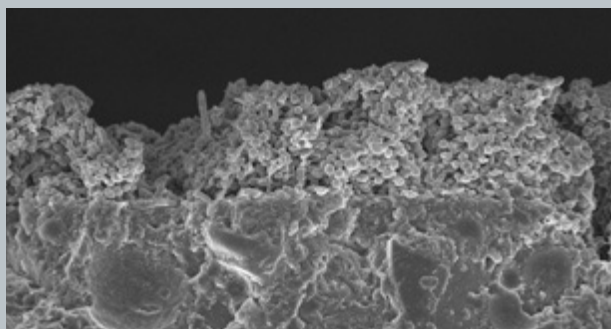


Whether repairing, masking or lining, whether small cavities or large restorations:

Beautifil is a modular, universal restorative system allowing users to flexibly choose from well-matched composite lines.



Beautifil II (with S-PRG filler): sporadic plaque formation



Conventional composite resin (without S-PRG filler): extensive plaque formation

## info

The special material properties of Beautifil have been proven in a 13-year clinical study.

**"A clinical evaluation of a giomer restorative system containing surface prereacted glass ionomer filler: Results from a 13-year recall examination"**

Gordan V. V., Blaser P. K., Watson R. E., Mjör I. A. et al.

J Am Dent Assoc 145(10): 1036-1043 (Oct. 2014)

This study and a bibliography of other evaluations and publications are available on request.



*„In my practice I often use composites to reconstruct severely abraded or eroded teeth and restore their natural functions and aesthetics. [...] Beautifil by SHOFU has long been my favourite system, because of its great ease of use, natural aesthetics and, above all, high strength and durability. [...]"*

*SHOFU's Beautifil system makes restorative dentistry much more straightforward and reliable – no matter how experienced a dentist may be in the use of composites."*

*Assoc. Prof Dr Hans van Pelt, Groningen, Netherlands*



Enamel shell created with Beautifil II Enamel HVT

Mamelon structure created with Beautifil II A30

Dentine build-up at the incisal edge with Beautifil II A2 und A3

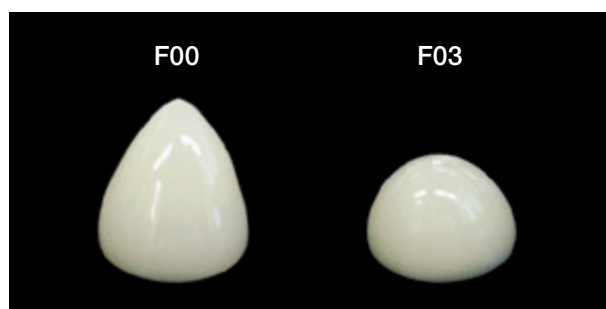
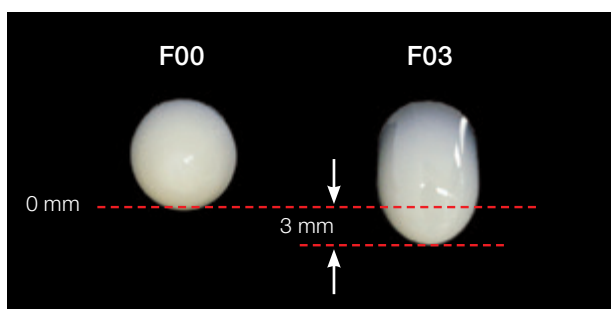
Outer enamel layer created with Beautifil II Enamel

# BEAUTIFIL Flow Plus X



Injectable hybrid composite in two viscosities

This durable composite restorative for both anterior and posterior teeth allows you to place direct restorations with an excellent self-levelling ability and outstanding physical properties, absolutely equivalent to those of conventional hybrid composites. Thanks to its S-PRG fillers, Beautifil Flow Plus X not only helps to remineralise the adjacent tooth structure for sustainable caries prevention, but also easily polishes to a high and long-lasting lustre. It comes in two different viscosities, F00 and F03, for restorative build-up and filling.



These illustrations show the difference in flow behaviour between the two materials when placed on a vertical (left) or horizontal (right) mixing slab for one minute.

## Indications

### F00 – ZERO FLOW

Excellent shape retention, ideal for build-up:  
The flowability of F00 is so low that the paste is not deformed during layering. This easy-to-handle composite helps you to accurately restore the occlusal morphology, including cusps and marginal ridges. Main benefit: It flows well during application, but does not slump after sculpting.

### F03 – LOW FLOW

Moderate shape retention and viscosity plus perfect adaptation: The self-levelling F03 paste thoroughly wets the cavity walls and is therefore ideal for filling. It can be used to line cavity floors, fill small occlusal cavities, or create cervical restorations.

## benefits

Complete system for all conservative/restorative indications

Simplified handling in direct applications

Compatibility with all conventional bonding systems

Wide range of shades for aesthetic restorations

Optimal polishability and durable gloss

## Restoring the occlusal surface of a molar



Cavity preparation



Cavity lining with F03



Build-up of cusp ridges with F00



Occlusal morphology after filling



Postoperative result



F00 – absolutely stable (Zero Flow)

| Shade                | PN<br>2.2 g |
|----------------------|-------------|
| SYRINGE              |             |
| A1                   | YE2301      |
| A2                   | YE2302      |
| A3                   | YE2303      |
| A3.5                 | YE2304      |
| A4                   | YE2305      |
| B1                   | YE2306      |
| B2                   | YE2307      |
| C2                   | YE2308      |
| D2                   | YE2309      |
|                      |             |
| SA0.5                | YE2300      |
| SA0.50 (opaque A0.5) | YE2310      |
|                      |             |
| A10 (opaque A1)      | YE2311      |
| A20 (opaque A2)      | YE2312      |
| Inc (Incisal)        | YE2314      |
| BW (Bleaching White) | YE2315      |

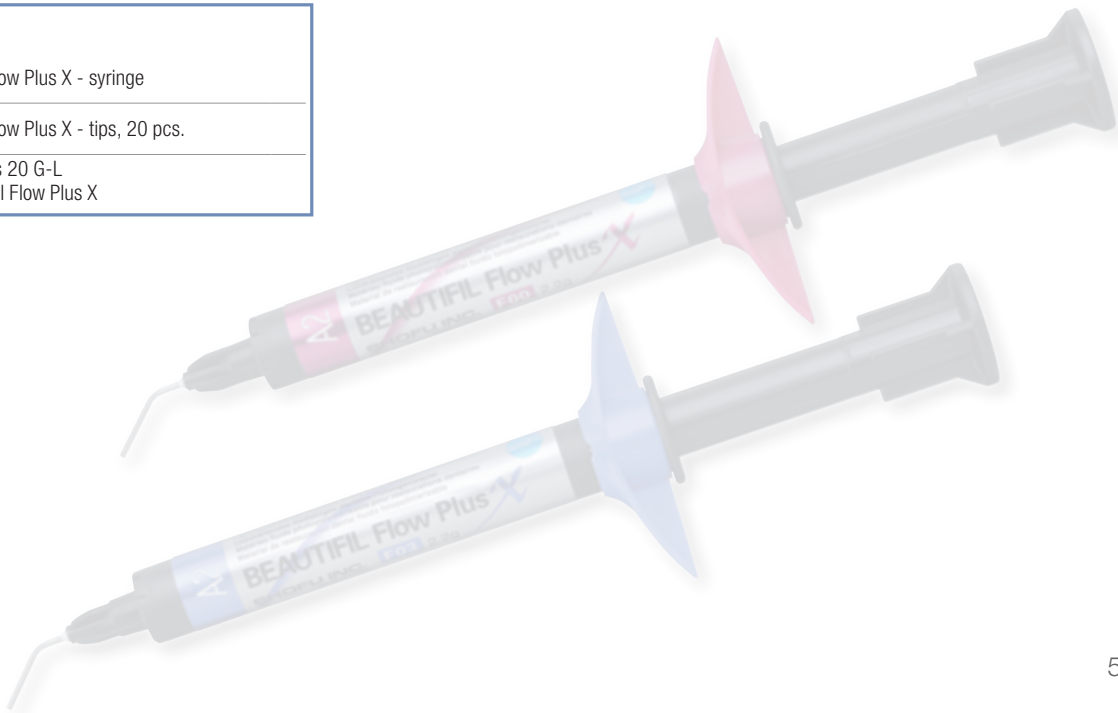
| Shade                | PN<br>0.21 g |
|----------------------|--------------|
| TIPS, 20 pcs.        |              |
| A1                   | Y2401        |
| A2                   | Y2402        |
| A3                   | Y2403        |
| A3.5                 | Y2404        |
| A4                   | Y2405        |
| B1                   | Y2406        |
| B2                   | Y2407        |
| C2                   | Y2408        |
| D2                   | Y2409        |
|                      |              |
| SA0.5                | Y2400        |
| SA0.50 (opaque A0.5) | Y2410        |
|                      |              |
| A10 (opaque A1)      | Y2411        |
| A20 (opaque A2)      | Y2412        |
| Inc (Incisal)        | Y2414        |
| BW (Bleaching White) | Y2415        |

F03 – moderate flow (Low Flow)

| Shade                | PN<br>2.2 g |
|----------------------|-------------|
| SYRINGE              |             |
| A1                   | YE2321      |
| A2                   | YE2322      |
| A3                   | YE2323      |
| A3.5                 | YE2324      |
| A4                   | YE2325      |
| B1                   | YE2326      |
| B2                   | YE2327      |
| C2                   | YE2328      |
| D2                   | YE2329      |
|                      |             |
| SA0.5                | YE2320      |
|                      |             |
| A20 (opaque A2)      | YE2332      |
| A30 (opaque A3)      | YE2333      |
| Inc (Incisal)        | YE2334      |
| BW (Bleaching White) | YE2335      |
| MI (Milky)           | YE2336      |
| CV (Cervical)        | YE2337      |

| Shade                | PN<br>0.21 g |
|----------------------|--------------|
| TIPS, 20 pcs.        |              |
| A1                   | Y2421        |
| A2                   | Y2422        |
| A3                   | Y2423        |
| A3.5                 | Y2424        |
| A4                   | Y2425        |
| B1                   | Y2426        |
| B2                   | Y2427        |
| C2                   | Y2428        |
| D2                   | Y2429        |
|                      |              |
| SA0.5                | Y2420        |
|                      |              |
| A20 (opaque A2)      | Y2432        |
| A30 (opaque A3)      | Y2433        |
| Inc (Incisal)        | Y2434        |
| BW (Bleaching White) | Y2435        |
| MI (Milky)           | Y2436        |
| CV (Cervical)        | Y2450        |

| PN                | Quantity | Product   |
|-------------------|----------|---|
| YE2300-<br>YE2337 | 2.2 g    | Beautifil Flow Plus X - syringe                 |
| Y2400-<br>Y2450   | 0.21 g   | Beautifil Flow Plus X - tips, 20 pcs.           |
| Y2351             | 50 pcs.  | Needle tips 20 G-L<br>for Beautifil Flow Plus X |



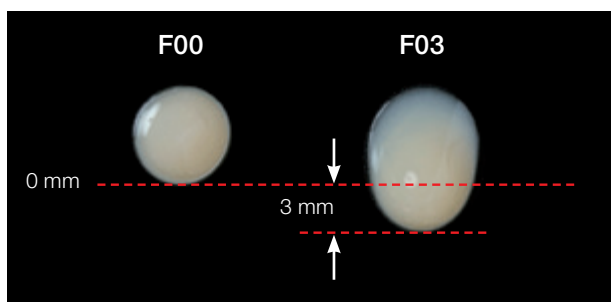
# BEAUTIFIL Flow Plus



Injectable composite restorative for anterior and posterior teeth

Beautifil Flow Plus combines the application properties of flowable composites with the strength, durability and aesthetics of packable composites. It is approved for every indication – including occlusal surfaces and proximal margins.

With improved handling properties permitting injectable application, creating posterior restorations has never been easier. Moreover, Beautifil Flow Plus has the ability to release and recharge fluoride and it is resistant to bacterial colonisation.



Beautifil Flow Plus is available in two viscosities, "F00" is extremely stable and "F03" is moderately flowable.

Both can be used for the usual flowable indications, but also for anterior and posterior restorations, including occlusal stress-bearing class I and II restorations. With the 360° rotary finger grip and a replaceable fine cannula the Flow Plus composites are easily applied directly out of the syringes.

A wide range of colours and various opacities are available for aesthetic restorations in single and multi shade technique.

## benefits

- Approved for restorations of all cavity classes
- High yield and flexural strengths
- "Resin Cone" technique application
- Natural aesthetics with chameleon effect
- Sustainable fluoride release and recharge
- Exceptional radiopacity

### Indications

#### ■ F00 – ZERO FLOW

Shaping of occlusal anatomy, marginal ridges and intricate surface details, restorations of all cavity classes

#### ■ F03 – LOW FLOW

Restorations of fissures and defects in gingival areas; cavity bases or lining





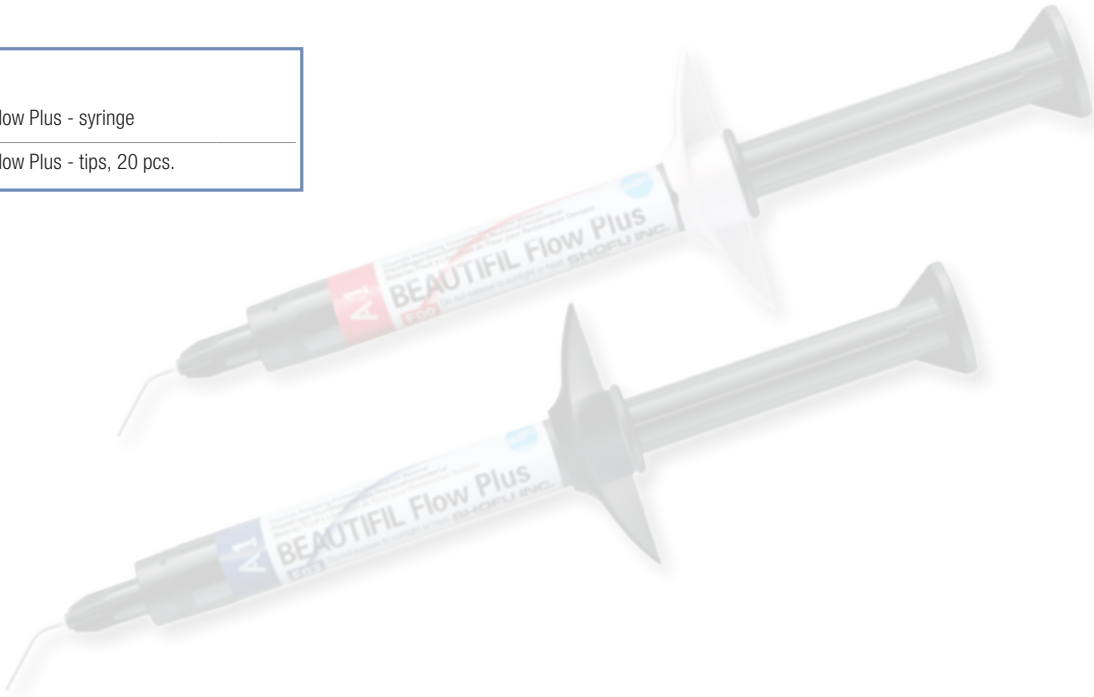
F00 – absolutely stable (Zero Flow)

| Shade                | PN<br>2.2 g | Shade                | PN<br>0.21 g |
|----------------------|-------------|----------------------|--------------|
| SYRINGE              |             | TIPS, 20 pcs.        |              |
| A1                   | 2001        | A1                   | 2201         |
| A2                   | 2002        | A2                   | 2202         |
| A3                   | 2003        | A3                   | 2203         |
| A3.5                 | 2004        | A3.5                 | 2204         |
| A4                   | 2005        | A4                   | 2205         |
| B1                   | 2062        | B1                   | 2206         |
| B2                   | 2063        | B2                   | 2207         |
| C2                   | 2064        | C2                   | 2208         |
| D2                   | 2065        | D2                   | 2209         |
| SA0.5                | 2000        | SA0.5                | 2200         |
| SA0.50 (opaque A0.5) | 2006        | SA0.50 (opaque A0.5) | 2211         |
| A10 (opaque A1)      | 2007        | A10 (opaque A1)      | 2212         |
| A20 (opaque A2)      | 2008        | A20 (opaque A2)      | 2213         |
| Inc (Incisal)        | 2010        | Inc (Incisal)        | 2215         |
| BW (Bleaching White) | 2011        | BW (Bleaching White) | 2216         |

F03 – moderate flow (Low Flow)

| Shade                | PN<br>2.2 g | Shade                | PN<br>0.21 g |
|----------------------|-------------|----------------------|--------------|
| SYRINGE              |             | TIPS, 20 pcs.        |              |
| A1                   | 2014        | A1                   | 2219         |
| A2                   | 2015        | A2                   | 2220         |
| A3                   | 2016        | A3                   | 2221         |
| A3.5                 | 2017        | A3.5                 | 2222         |
| A4                   | 2018        | A4                   | 2223         |
| B1                   | 2066        | B1                   | 2224         |
| B2                   | 2067        | B2                   | 2225         |
| C2                   | 2068        | C2                   | 2226         |
| D2                   | 2069        | D2                   | 2227         |
| SA0.5                | 2013        | SA0.5                | 2218         |
| A20 (opaque A2)      | 2020        | A20 (opaque A2)      | 2229         |
| A30 (opaque A3)      | 2021        | A30 (opaque A3)      | 2230         |
| Inc (Incisal)        | 2023        | Inc (Incisal)        | 2232         |
| BW (Bleaching White) | 2024        | BW (Bleaching White) | 2233         |
| MI (Milky)           | 2026        | MI (Milky)           | 2235         |
| CV (Cervical)        | 2027        | CV (Cervical)        | 2236         |

| PN                      | Quantity | Product                             |
|-------------------------|----------|-------------------------------------|
| 2000-2027,<br>2062-2069 | 2.2 g    | Beautifil Flow Plus - syringe       |
| 2200-2236               | 0.21 g   | Beautifil Flow Plus - tips, 20 pcs. |



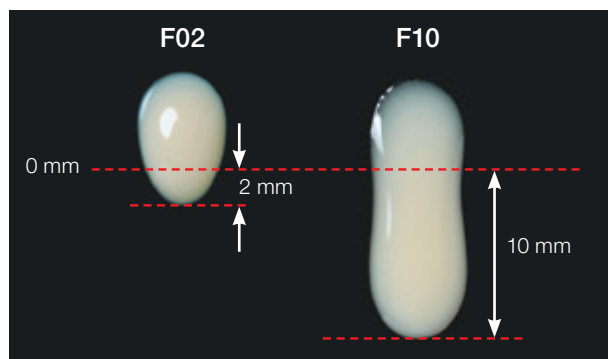
# BEAUTIFIL Flow



Flowable filling material for aesthetic restorations

Beautifil Flow is available in the two distinctive viscosities F02 (low flow) and F10 (high flow), its shades harmonise perfectly with Beautifil II.

The combination with the adhesive system FL-Bond II ensures a secure, highly fluoride releasing and aesthetic material system. A syringe specially developed for the dentist's needs assures the simple and hygienic application of the material without oozing of excess paste.



## Indications

- Small, shallow cavity restorations (class I to III and class V cavities)
- Restorations of deciduous teeth
- Base / liner under restorations
- Repair of fractured porcelain and composite restorations
- Fissure sealant (p. 89)
- Undercut blockout

| Shade           | PN<br>2 g |
|-----------------|-----------|
| F02 - LOW FLOW  |           |
| A1              | 1431      |
| A2              | 1432      |
| A3              | 1433      |
| A3,5            | 1434      |
| A4              | 1435      |
| A30 (opaque A3) | 1449      |
| G (Gum)         | 1451      |

| Shade             | PN<br>2 g |
|-------------------|-----------|
| F10 - HIGH FLOW   |           |
| A1                | 1461      |
| A2                | 1462      |
| A3                | 1463      |
| A3,5              | 1464      |
| A4                | 1465      |
| A30 (opaque A3)   | 1479      |
| A3T (translucent) | 1482      |

| PN        | Quantity | Product                      |
|-----------|----------|------------------------------|
| 1431-1451 | 2 g      | Beautifil Flow F02 - syringe |
| 1461-1482 | 2 g      | Beautifil Flow F10 - syringe |

## benefits

- High water resistance and long-term stability
- Sustainable fluoride release and recharge
- Remarkable radiopacity
- Natural light diffusion
- Innovative syringe design with 360° rotary handle and without oozing





# BEAUTIFIL Opaquer

Fluoride releasing flowable opaque

Beautifil Opaquer is used for masking discolourations, stains and metal colours as well as pulp capping. The flowable composite is available in the two shades “Universal Opaque” and “Light Opaque” and offers high coverage even with a thin layer.

2

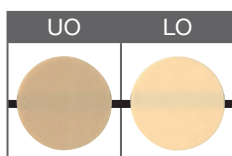


## Indications

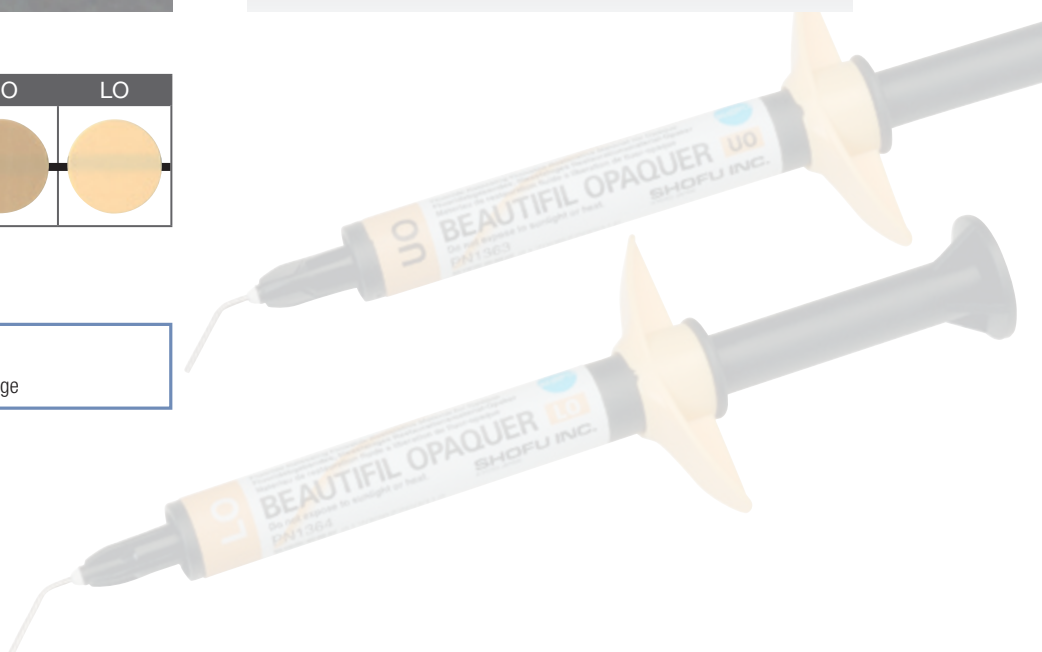
Masking discolourations, spots, alloys and pulp capping



| Shade                 | PN<br>2 g |
|-----------------------|-----------|
| OPAQUER               |           |
| UO (Universal Opaque) | 1363      |
| LO (Light Opaque)     | 1364      |



| PN        | Quantity | Product                     |
|-----------|----------|-----------------------------|
| 1363-1364 | 2 g      | Beautifil Opaquer - syringe |



## BEAUTIFIL - Accessories

| PN    | Quantity | Product  |
|-------|----------|--|
| 1484  | 50 pcs.  | Needle tips 20 G for Beautifil Flow, Beautifil Flow Plus and Beautifil Opaquer |
| Y2351 | 50 pcs.  | Needle tips 20 G-L for Beautifil Flow Plus X                                   |
| 2037  | 50 pcs.  | Needle tips 18 G for Beautifil-Bulk  |

# BEAUTIFIL II LS (Low Shrinkage)



Low shrinking pasty composite for anterior and posterior restorations

Beautifil II LS, developed based on the proven Beautifil II, guarantees dentists minimum shrinkage and maximum aesthetics. The most remarkable feature of this pasty, light-cured universal composite is its polymerisation shrinkage of only 0.85 percent by volume; it helps to minimise the main problems of direct restorations, such as marginal gap formation and discolouration. Besides, Beautifil II LS features excellent polishability and optimally matches natural tooth shades.



Beautifil II LS shows natural light reflection, which facilitates accurate restoration of the natural tooth structure and also leads to a well-balanced chameleon effect in both dentine and enamel. The material is easy to adapt to the tooth; it does not stick to the instrument and can be sculpted without difficulty.

## benefits

- Low shrinkage (< 1 %) and shrinkage stress
- Excellent polishability and long-lasting gloss
- High abrasion resistance and antagonist-friendly surface hardness
- Natural light transmission and diffusion
- Sustainable fluoride release and recharge
- Shade range identical with Beautifil II

| PN          | Quantity | Product                         |
|-------------|----------|---------------------------------|
| Y2270-Y2283 | 4 g      | Beautifil II LS - syringe       |
| Y2284-Y2297 | 0.25 g   | Beautifil II LS - tips, 20 pcs. |

## Indications

- Direct anterior and posterior restorations
- Repairs of restorations and dentures

| Shade                | PN<br>4 g |
|----------------------|-----------|
| SYRINGE              |           |
| A1                   | Y2270     |
| A2                   | Y2271     |
| A3                   | Y2272     |
| A3.5                 | Y2273     |
| A4                   | Y2274     |
| B1                   | Y2275     |
| B2                   | Y2276     |
| B3                   | Y2277     |
| C2                   | Y2278     |
| C3                   | Y2279     |
| A20 (opaque A2)      | Y2280     |
| A30 (opaque A3)      | Y2281     |
| Inc (Incisal)        | Y2282     |
| BW (Bleaching White) | Y2283     |

| Shade                | PN<br>0.25 g |
|----------------------|--------------|
| TIPS, 20 pcs.        |              |
| A1                   | Y2284        |
| A2                   | Y2285        |
| A3                   | Y2286        |
| A3.5                 | Y2287        |
| A4                   | Y2288        |
| B1                   | Y2289        |
| B2                   | Y2290        |
| B3                   | Y2291        |
| C2                   | Y2292        |
| C3                   | Y2293        |
| A20 (opaque A2)      | Y2294        |
| A30 (opaque A3)      | Y2295        |
| Inc (Incisal)        | Y2296        |
| BW (Bleaching White) | Y2297        |



# BEAUTIFIL II



## Continually fluoride releasing aesthetic restorative material

Beautifil II is characterised by an aesthetic appearance with excellent shade match, exceptional handling properties and an anti-plaque effect. Due to its S-PRG fillers this composite of the Giomer category has the property to release and recharge fluoride, based on the concentration of fluoride in the mouth.



### Indications

Direct restorations that require optimal aesthetics and biocompatibility, like:

- Restorations of class I - V cavities
- Restoration of cervical erosion and root caries
- Repair of fractured incisal edges
- Veneers and core build-ups
- Direct cosmetic tooth corrections

## benefits

- Light transmission and diffusion properties of natural teeth
- Shade stability
- Anti-plaque effect
- Tooth-like fluorescence
- High radiopacity
- Sustainable fluoride release and recharge
- Reliable strength and longevity

### 6 Color Set

- 6 syringes Beautifil II, 4.5 g each (A2, A3, A3.5, B2, A30, Inc)
- 1 Dura-White (FL2) • Super-Snap Single Kit • OneGloss Trial Set
- paper pad

### Tips - 6 Color Set

- 120 tips Beautifil II, 0.25 g each (20 pcs. each A2, A3, A3.5, A30, B2, Inc)
- 1 Dura-White (FL2) • Super-Snap Single Kit • OneGloss Trial Set
- paper pad

### Cosmetic Kit

- 3 syringes Beautifil II (A2, A3, Inc), 4.5 g each
- 1 syringe Beautifil Flow F02 (A2), 2 g • 1 syringe Beautifil Opaquer (LO), 2 g
- 1 Dura-White (FL2) • Super-Snap Single Kit • OneGloss Trial Set
- 10 syringe tips • paper pad

| Shade                | PN<br>4.5 g |
|----------------------|-------------|
| SYRINGE              |             |
| A1                   | 1401        |
| A2                   | 1402        |
| A3                   | 1403        |
| A3.5                 | 1404        |
| A4                   | 1405        |
| B1                   | 1408        |
| B2                   | 1409        |
| B3                   | 1410        |
| C2                   | 1412        |
| C3                   | 1413        |
| A20 (opaque A2)      | 1419        |
| A30 (opaque A3)      | 1420        |
| Inc (Incisal)        | 1415        |
| BW (Bleaching White) | 1416        |

| Shade                | PN<br>0.25 g |
|----------------------|--------------|
| TIPS, 20 pcs.        |              |
| A1                   | 1752         |
| A2                   | 1753         |
| A3                   | 1754         |
| A3.5                 | 1755         |
| A4                   | 1756         |
| B1                   | 1759         |
| B2                   | 1760         |
| C2                   | 1763         |
| A20 (opaque A2)      | 1770         |
| A30 (opaque A3)      | 1771         |
| Inc (Incisal)        | 1766         |
| BW (Bleaching White) | 1767         |

| PN        | Quantity | Product                         |
|-----------|----------|---------------------------------|
| 1775      | 1 pc.    | Beautifil II - 6 Color Set      |
| 1776      | 1 pc.    | Beautifil II Tips - 6 Color Set |
| 1777      | 1 pc.    | Beautifil II - Cosmetic Kit     |
| 1401-1420 | 4.5 g    | Beautifil II - syringe          |
| 1752-1771 | 0.25 g   | Beautifil II - tips, 20 pcs.    |
| 1424      | 1 pc.    | Beautifil II shade guide        |
| 1306      | 1 pc.    | FL-Bond II Kit (p. 67)          |
| 0180      | 1 pc.    | OneGloss Kit (p. 22)            |
| 0223      | 12 pcs.  | Dura-White FL2 (p. 13)          |
| N0510     | 1 pc.    | Super-Snap Disk Kit (p. 26)     |

# BEAUTIFIL II Gingiva & Enamel



## Gingiva and enamel shades

These two components added to the Beautifil composite line allow dentists to restore pink and white aesthetics and produce truly lifelike restorations.

The five gingiva shades, which can be combined with each other, help to create true-to-nature soft tissue areas characterised by great depth and invisible transitions to the tooth. The four enamel shades are ideal for highly aesthetic anterior restorations. They allow users to easily create polychromatic restorations and invisibly repair restorations and dentures.



Clinical case, before and after restoration with Beautifil II Gingiva Light Pink

### Beautifil II Gingiva

For the reproduction of gingival areas

- Indicated in cases of gingival recession, exposed abutments and crown margins, root erosion and missing papillae
- Shades can be layered and combined for aesthetic solutions without the need for surgery
- Perfect for class V restorations



Clinical case, before and after restoration with Beautifil II Enamel

### Beautifil II Enamel

For direct anterior restorations

- Polychromatic restorations thanks to chameleon effect
- Cost-effective alternative to porcelain veneers
- Highly aesthetic restorations achievable by layering and combining the shades
- Based on porcelain shade concept – for easy shade matching

| Shade               | PN<br>2.5 g |
|---------------------|-------------|
| GINGIVA             |             |
| Gum-LP (Light Pink) | Y2256       |
| Gum-DP (Dark Pink)  | Y2257       |
| Gum-V (Violet)      | Y2258       |
| Gum-Br (Brown)      | Y2259       |
| Gum-Or (Orange)     | Y2260       |

| Shade                | PN<br>2.5 g |
|----------------------|-------------|
| ENAMEL               |             |
| T (Translucent)      | Y2250       |
| HVT (High-Value Tr.) | Y2251       |
| LVT (Low-Value Tr.)  | Y2252       |
| AM (Amber)           | Y2253       |

| PN          | Quantity | Product                        |
|-------------|----------|--------------------------------|
| Y2256-Y2260 | 2.5 g    | Beautifil II Gingiva - syringe |
| Y2250-Y2253 | 2.5 g    | Beautifil II Enamel - syringe  |





# BEAUTIFIL-Bulk

One bulk-fill system – two viscosities for all indications of conservative treatment

Packable or flowable: with the development of the Beautifil-Bulk system dentists can place increments up to 4 mm in thickness. This system features not only low shrinkage stress, but also effective optical diffusion processes for superior shade matching and aesthetics.

2



## Indications

■ The low-viscosity **Beautifil-Bulk Flowable** can be easily and precisely applied directly from the syringe. It is very suitable as base liner for class I and II cavities, or as liner and filling material for small posterior cavities.

■ **Beautifil-Bulk Restorative** is a packable, excellently sculptable material and suitable for occlusal stress-bearing surfaces thanks to its compressive strength of 340 MPa. Its pasty, non sticky consistency makes it ideal for direct posterior restorations.

| PN        | Quantity | Product                                    |
|-----------|----------|--|
| 2028-2029 | 0.23 g   | Beautifil-Bulk Flowable - tips, 20 pcs.    |
| 2030-2031 | 2.4 g    | Beautifil-Bulk Flowable - syringe          |
| 2032-2033 | 0.25 g   | Beautifil-Bulk Restorative - tips, 20 pcs. |
| 2034-2035 | 4.5 g    | Beautifil-Bulk Restorative - syringe       |
| 2037      | 50 pcs.  | Needle tips 18 G for Beautifil-Bulk        |

## benefits

Two viscosities:  
packable and flowable

Low polymerisation shrinkage and shrinkage stress

Excellent depth of cure for  
increments up to 4 mm in thickness

Optimal shade match  
(chameleon effect)

High radiopacity

## BEAUTIFIL-Bulk Flowable

| Shade     | PN<br>2.4 g |
|-----------|-------------|
| SYRINGE   |             |
| Universal | 2030        |
| Dentin    | 2031        |

| Shade         | PN<br>0.23 g |
|---------------|--------------|
| TIPS, 20 pcs. |              |
| Universal     | 2028         |
| Dentin        | 2029         |



## BEAUTIFIL-Bulk Restorative

| Shade     | PN<br>4.5 g |
|-----------|-------------|
| SYRINGE   |             |
| Universal | 2034        |
| A         | 2035        |

| Shade         | PN<br>0.25 g |
|---------------|--------------|
| TIPS, 20 pcs. |              |
| Universal     | 2032         |
| A             | 2033         |



# Zirconomer Improved



Zirconia-reinforced glass ionomer restorative material

Zirconomer Improved is a reliable and durable, zirconia-reinforced, tooth-coloured posterior restorative. It combines the strength and durability of amalgam with the protective effects of glass ionomers, without the health hazards of mercury – a safe alternative to silver amalgam. Zirconomer Improved contains zirconia fillers with increased light transmission, for a better shade match to natural teeth in the oral environment. And excellent handling characteristics make it an ideal material for easy and quick bulk placement.



Durable posterior restorations: Maxillary first premolar, Class II cavity, before and after restoration

## benefits

- Remarkable edge strength, excellent marginal integrity
- Tooth-like coefficient of thermal expansion
- Self-adhesion to the tooth structure without pretreatment
- Sustained protection of teeth by fluoride release
- Excellent mixing and handling properties
- Outstanding resistance to abrasion and erosion

## Indications

- Occlusal and proximal class I & II cavities in posterior teeth
- Core build-ups
- Paediatric and geriatric restorations
- Long-term temporary restorations of defects with cusp involvement
- Atraumatic restorative treatments (ART)



| PN   | Quantity | Product  |
|------|----------|--|
| 3130 | 1 pc.    | Zirconomer Improved 1-1 Set<br>Powder 12 g, liquid 5 ml,<br>measuring scoop, spatula, mixing pad |

# Glaslonomer FX Ultra



Self-cured, universal glass ionomer restorative material

The new Glaslonomer FX Ultra reliably adheres to enamel and dentine without etching, sustainably releases and recharges fluoride at the same time and especially scores with enhanced aesthetics and strength: It shows a remarkable degree of translucency directly after setting and also exceptional shade stability. And a compressive strength of 256 MPa now gives Glaslonomer FX Ultra restorations long-term resistance to the intraoral forces acting on posterior teeth.

## benefits

Smooth, non-sticky consistency of powder and liquid

Translucent and stable shades

Strong and durable

Reliable adhesion without etching

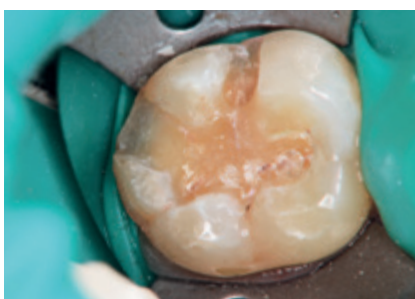
Sustained caries-protective effect

Available in four tooth shades

## Indications

- Restorations of deciduous teeth
- Restorations of non-stress-bearing class I and II cavities in permanent teeth
- Restorations of class III and V cavities, including cervical erosions, root abrasions and wedge-shaped defects
- Core build-ups

| PN          | Quantity | Product  |
|-------------|----------|--|
| C0030-C0033 | 1 pc.    | <b>Glaslonomer FX Ultra 1-1 Simple set</b><br>Powder 15 g, liquid 8 ml,<br>measuring scoop, spatula, mixing pad<br>A2: C0030, A3: C0031, A3.5: C0032,<br>B2: C0033 |
| 1125-1128   | 1 pc.    | <b>Glaslonomer FX Ultra Mini set</b><br>Powder 10 g, liquid 5.2 ml,<br>measuring scoop<br>A2: 1125, A3: 1126, A3.5: 1127, B2: 1128                                 |



Posterior restorations with Glaslonomer FX ULTRA

# Glaslonomer Base Cement



For build-up of dentine or as liner under filling materials

Glaslonomer Base Cement is not only a radiopaque base cement, but a dentine substitute as well. It chemically bonds to dentine and enamel and is particularly soft tissue friendly. The powder is available in a yellowish dentine colour and in white as a brightener to achieve brighter tooth colours.

## Indications

Base material for amalgam and composite fillings as well as porcelain restorations

| PN   | Quantity | Product  |
|------|----------|--|
| 1110 | 1 pc.    | <b>Glaslonomer Base Cement Set</b><br>yellow, powder 15 g, liquid 5 ml |
| 1113 | 15 g     | Glaslonomer Base Cement powder, white                                  |
| 1114 | 5 ml     | Glaslonomer Base Cement liquid   |



# CoreShade Glaslonomer Base Cement



Glass ionomer without alloy additives

CoreShade is a grey glass ionomer core build-up material. It chemically bonds to dentine, enamel, pins and posts.

## Indications

For dependable metal-free core build-up and as easily detectable dentine replacement under stress-bearing restorations

| PN   | Quantity | Product  |
|------|----------|--|
| 1115 | 1 pc.    | <b>CoreShade Cement Set</b><br>powder 25 g, liquid 10 ml |
| 1116 | 25 g     | CoreShade powder   |
| 1117 | 10 ml    | CoreShade liquid   |



Bonding Systems 66 - 68

BeautiBond Universal

FL-Bond II

Ceraresin Bond

Primers 69 - 70

SHOFU Universal Primer

HC Primer

AZ-Primer

Porcelain Primer



## ADHESIVES



# BeutiBond Universal

## Multifunctional light-cured bonding system

Thanks to its special composition, this universal adhesive system combines superior bond strength and easy handling with high versatility. It is indicated for direct composite restorations, intraoral repairs and composite core build-ups, and also for the permanent cementation of indirect restorations including veneers.



Before preparation



Application of BeutiBond Universal



After restoration and light-curing

BeutiBond Universal is a single-component adhesive allowing you to etch, prime and bond in one step. The filler and HEMA-free formulation facilitates water removal, forms an adhesive film only 5 µm in thickness (making it suitable for anterior restorations), and ensures excellent adhesion to enamel and dentine, composites, zirconia and alumina ceramics, and both precious and nonprecious alloys.

Two accessories complete the system: BeutiBond Universal DC Activator for the pretreatment of resin cements and resin build-up materials and the activation of dual curing; and BeutiBond Universal CR Enhancer for the priming of silicate glass and lithium silicate glass ceramics and cured composites.

### Indications

- Direct restorations with light-cured composites
- Intraoral repair of fractured restorations with light-cured composites
- Core build-ups with light or dual-cured resin materials
- Cementation of indirect restorations with light or dual-cured resin cements

## benefits

High bond strengths to enamel and dentine

Minimised technique sensitivity thanks to filler and HEMA-free formulation

Thin adhesive film (5 µm) for aesthetic restorations with invisible margin lines

Universal adhesive system suitable for use with resin cements and resin build-up materials



| PN    | Quantity | Product   |
|-------|----------|---|
| Y2440 | 1 pc.    | <b>BeutiBond Universal Adhesive Kit</b><br>BeutiBond Universal Adhesive 6 ml (bottle),<br>50 pcs. disposable brush fine, 25 pcs. V-dish |
| Y2441 | 6 ml     | BeutiBond Universal Adhesive  |
| Y2443 | 3 ml     | BeutiBond Universal DC Activator  |
| Y2444 | 3 ml     | BeutiBond Universal CR Enhancer   |



# FL-Bond II

## Self-etching fluoride releasing bonding system

FL-Bond II is a self-etching fluoride releasing two-step adhesive system which features an excellent bond to both enamel and dentine and provides a secure marginal seal. The system is characterised by its excellent handling and very good properties. The moderately viscous consistency of FL-Bond II permits convenient application and is particularly stable with sloping cavity walls. This guarantees an even film thickness at all preparation surfaces and a stable bond strength.

### Indications

- Adhesive bonding of any composite to tooth structure
- Pretreatment of the tooth structure prior to the application of resin cements
- Repair of restorations

## benefits

- Simple and quick 2-step handling
- Optimal viscosity and adhesion
- Radiopacity for accurate diagnostics
- Fluoride release and recharge
- Durable bonding strengths



| PN   | Quantity | Product   |
|------|----------|---|
| 1306 | 1 pc.    | <b>FL-Bond II Kit</b><br>Primer 5 ml, Bonding Agent 5 ml,<br>MicroBrush pink and yellow, 25 pcs. each,<br>1 dispo dish, 1 plastic cover |
| 1307 | 5 ml     | FL-Bond II Primer   |
| 1308 | 5 ml     | FL-Bond II Bonding Agent  |
| 1309 | 6 ml     | FL-Bond II Etchant  |

### Application

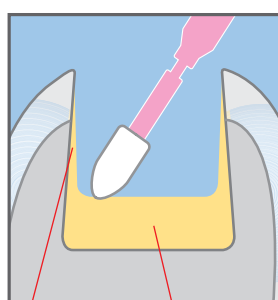
#### ■ STEP 1: PRIMING

FL-Bond II Primer contains an effective adhesive monomer and a photo initiator. The self-etching Primer prepares the enamel and dentine surfaces while eliminating the need for separate etching with phosphoric acid.

#### ■ STEP 2: BONDING

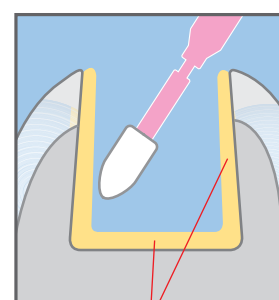
FL-Bond II Bonding Agent incorporates fluoride containing S-PRG fillers which offer permanent protection by optimised remineralisation of the adjacent hard tooth structure. Because of its high filler loading FL-Bond II provides exceptional resistance to abrasion and effectively prevents a marginal washout along with durable sealing.

#### Low viscosity (other bonding agent)



Extremely thin bonding layer  
Pooling of liquid on cavity floor

#### Moderate viscosity (FL-Bond II)



Uniform bonding layer thickness

## info

FL-Bond II Etchant is especially suited for etching before the use of self-etching bonding systems on enamel; it only contains approximately 7% phosphoric acid.

# CRB – Ceraresin Bond



For all repairs of chipped porcelain or composite veneerings

With the Ceraresin Bond system you have the option to securely and durably bond various materials intra and extraorally. For example, CRB can be used for extending porcelain restorations quickly and efficiently with light-curing materials. Moreover, CRB combines cold-curing resins with light-curing veneering material, as well as different light-curing veneering composites with each other. Also there are no limits to individualising denture teeth with light-curing veneering material.

## Used as adhesive when

- ceramic restorations are to be repaired with filling composite, veneering composite, or denture base material
- porcelain or resin teeth are to be modified and repaired with filling composite, veneering composite, or denture base material
- dental restorations are made of or repaired with filling composite, denture base material or veneering composite
- dental restorations made of dental ceramic, veneering composite, filling composite or denture base material are to be repaired



| PN   | Quantity | Product   |
|------|----------|---|
| 1741 | 1 pc.    | CRB Kit: CRB I 16 ml, CRB II 5 ml, MicroBrush yellow and pink, 25 pcs. each, 5 dispo dishes |





# SHOFU Universal Primer

Primer for bonding resin to metal, zirconia or alumina

SHOFU Universal Primer reliably and durably bonds resins to all dental alloys, zirconia and alumina – even without the use of retention beads!

The primer can be applied intraorally and always ensures excellent bond strengths when used in combination with the light-cured opaque pastes of the SHOFU Universal Opaque system.

## benefits

- Quick and easy handling without any additional equipment
- Colourless, no grey areas at the resin-substrate interface
- Reliable bonding, even without the use of retention beads
- For all dental alloys and zirconia-based frameworks
- For intraoral and extraoral use

SHOFU Universal Primer can be used to treat a wide range of substrates, including all precious and nonprecious alloys, zirconia and alumina, and features easy and efficient handling. It is the universally reliable solution for bonding to CAD/CAM frameworks.

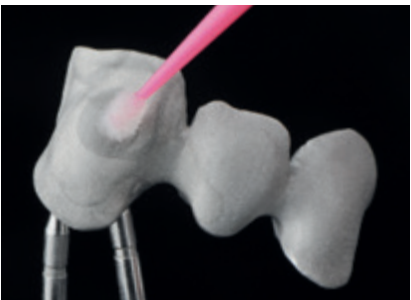


### Indications

For strong bonds

- between light-cured opaque resins and frameworks
- in the fabrication and repair of resin-veneered restorations
- in the intraoral and extraoral repair of PFM restorations
- between denture resins and metal bases
- between resins and orthodontic appliances

| PN    | Quantity | Product                |
|-------|----------|------------------------|
| Y0060 | 5 ml     | SHOFU Universal Primer |



SHOFU Universal Primer



SHOFU Universal Pre-Opaque



SHOFU Universal Opaque

# HC Primer



Primer for all hybrid ceramic CAD/CAM restorative materials



HC Primer provides the perfect surface pretreatment for reliable adhesive bonding of restorations made of SHOFU Block HC Hard, Block HC and Disk HC (p. 85-87) as well as all other hybrid ceramics.

Thanks to its innovative composition, this primer penetrates the composite matrix of hybrid ceramics; on the other side, it forms a durable bond to adhesive resin cements, such as ResiCem (p. 74).

| PN    | Quantity | Product   |
|-------|----------|-----------|
| Y0005 | 5 ml     | HC Primer |

# AZ-Primer



For adhesive bonding of porcelain restorations



AZ-Primer has been exclusively developed for the modern materials zirconia and alumina and guarantees outstanding bond strengths between the restoration, resin cement and tooth structure.

The 6-MHPA monomer, specially designed for use with high-strength structural porcelains, durably bonds to the restoration and is thus superior to other bonding systems, especially "all-in-one" products.

| PN   | Quantity | Product   |
|------|----------|-----------|
| 3232 | 5 ml     | AZ-Primer |

# Porcelain Primer



Primer for the bonding of porcelain or composite



Porcelain Primer with its silane component is available for adhesive bonding of sintered and pressed ceramics as well as indirect composites with resin cements like ResiCem.

The shear bond strength of approx. 30 MPa achievable between resin cement and ceramic is in a high, reliable range, compared to other products on the market.

| PN   | Quantity | Product          |
|------|----------|------------------|
| 3234 | 5 ml     | Porcelain Primer |

Resin Cements 72 - 74

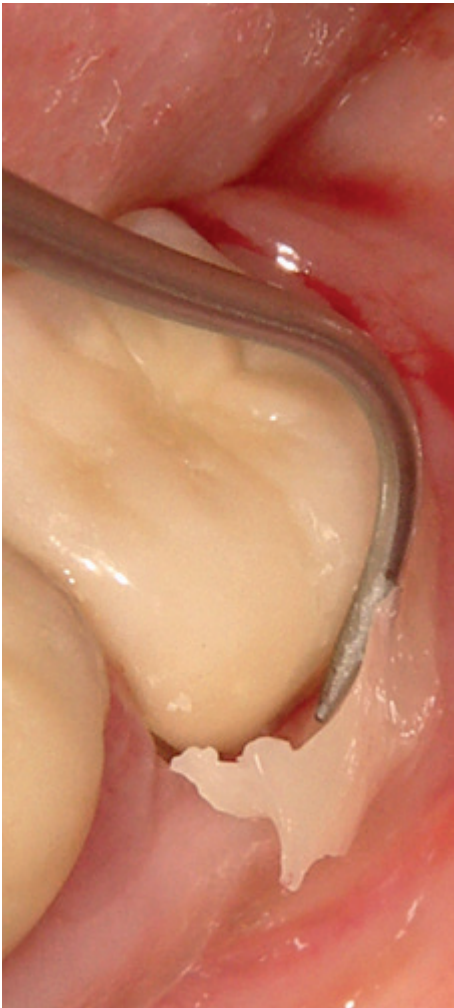
BeautiCem Veneer

BeautiCem SA

ResiCem

Conventional Cements 75

Glaslonomer Cement CX Plus



## LUTING CEMENTS



# BeautiCem Veneer



High shade stability for aesthetic restorations

BeautiCem Veneer resin cement can be light-cured at any time for outstanding ease of use. Veneers, inlays and onlays can be seated and positioned without having to rush, without any time limit. Besides, the size of the syringe, the smooth consistency and good flowability of the paste facilitate precisely targeted application.

The small diameter of the syringe tip minimises excess cement, and clean-up is easy. S-PRG fillers also give the Giomer material the ability to release or recharge fluoride.

## benefits

- Shade stability thanks to amine-free composition
- Outstanding ease of use
- High radiopacity
- Try-in Paste in the same shades
- Optimal shade matching of Try-in Paste and cured cement

The dedicated BeautiCem Try-in Paste is water-soluble, easily removable and facilitates the selection of the proper BeautiCem Veneer resin cement shade prior to the permanent placement of the restoration.

### Indications

Permanent cementation of ceramic and composite veneers as well as translucent inlays and onlays less than 2 mm in thickness

| PN          | Quantity | Product  |
|-------------|----------|--|
| C0002       | 1 pc.    | <b>BeautiCem Veneer Kit - Value</b><br>3 syringes Paste (L-Value, M-Value, H-Value), 2 g each, 3 syringes Try-in Paste (L-Value, M-Value, H-Value), 1.2 ml each, 50 needle tips, 50 pcs. disposable brush fine, 25 pcs. V-dish |
| C0004-C0008 | 2 g      | BeautiCem Veneer Paste - syringe   |
| C0009-C0013 | 1.2 ml   | BeautiCem Try-In Paste - syringe   |

| Shade   | PN<br>2 g |
|---------|-----------|
| PASTE   |           |
| L-Value | C0004     |
| M-Value | C0005     |
| H-Value | C0006     |
| Ivory-L | C0007     |
| Ivory-D | C0008     |

| Shade        | PN<br>1.2 ml |
|--------------|--------------|
| TRY-IN PASTE |              |
| L-Value      | C0009        |
| M-Value      | C0010        |
| H-Value      | C0011        |
| Ivory-L      | C0012        |
| Ivory-D      | C0013        |



Checking the cement shade with Try-in Paste prior to the placement of the indirect restoration (f.l.t.r.): L-Value (low value), M-Value (medium value), H-Value (high value)

# BeautiCem SA



## Fluoride releasing self-adhesive resin cement

BeautiCem SA is a universally usable, self-etching and self-adhesive resin cement capable of releasing and recharging fluoride thanks to its S-PRG filler particles. This dual-cure luting material easily, quickly and reliably cements all indirect restoratives and all types of restorations suitable for adhesive cementation to natural tooth structure, without the need for separate phosphoric acid etching, priming or bonding of enamel and dentine.

### Consistent mixing quality

BeautiCem SA is available in two colours, Clear and Ivory, and comes in a dual-barrel syringe with auto-mix tips, consistently mixing the cement at the correct ratio and without any air inclusions.

The ideal viscosity of this non-sticky cement ensures controlled delivery and accurate restoration placement.

## benefits

Durable bond to a wide range of substrates

No need for separate phosphoric acid etching, priming or bonding of enamel and dentine

Outstanding physical properties

High translucency for aesthetically challenging cases

Low film thickness (11.8 µm)



### Indications

For the cementation of

- all-ceramic and indirect composite resin inlays, onlays, crowns and bridges
- metal-based restorations made of precious, semiprecious and nonprecious alloys, or titanium
- PFM crowns and bridges (e.g. Vintage PRO, Vintage MP and Vintage Halo)
- CAD/CAM restorations
- all-ceramic, indirect composite resin and metal restorations on implant abutments
- various indirect core build-ups made of metals or composite resins

Thanks to its thixotropic flow behaviour, the material forms an even, bubble-free layer which is only 11.8 µm thick, making restoration margins virtually undetectable.

Careful control of the refractive index provides outstanding translucency for aesthetically challenging cases. And excellent radiopacity facilitates diagnoses in future examinations.



| PN   | Quantity | Product  |
|------|----------|--|
| 3213 | 5 ml     | BeautiCem SA, "Clear", auto-mixing, 10 mixing tips |
| 3214 | 5 ml     | BeautiCem SA "Ivory", auto-mixing, 10 mixing tips  |

# ResiCem



## Universal dual-cure cementation system

ResiCem is a radiopaque, dual-cure, resin-based adhesive cementation system with self-conditioning Primers A and B, suitable for all types of indirect restorative materials.

ResiCem comes in a convenient 5 ml dual-barrel syringe with mixing tips for consistently perfect dosing, mixing and dispensing onto or into the restoration. Thanks to its advantageous consistency, the cement paste flows very easily even under light pressure, which facilitates the placement of the restoration into its final position. The material can be applied in films as thin as nine micrometres, so that the cementation will not cause any bite elevation or compromise the marginal integrity initially achieved.



Immediately after placing of the restoration



2 minutes after placing of the restoration

## benefits

Self-conditioning Primers A and B

Efficient handling

Very good marginal integrity

Consistently high bond strengths – irrespective of the curing method used

Easy application and excess removal

| PN    | Quantity | Product  |
|-------|----------|--|
|       |          | <b>ResiCem Basic Kit</b>   |
| 3220  | 1 pc.    | ResiCem paste "Clear", auto-mixing, 2x 5 ml, Primer A 3 ml, Primer B 2.5 ml, Microtip fine (1 handle, 50 tips), 20 mixing tips, dispo dish |
| 3221  | 5 ml     | ResiCem paste "Clear", auto-mixing, 10 mixing tips   |
| 3222  | 5 ml     | ResiCem paste "Ivory", auto-mixing, 10 mixing tips   |
| 3227  | 3 ml     | ResiCem Primer A   |
| 3228  | 2.5 ml   | ResiCem Primer B   |
| Y0005 | 5 ml     | HC Primer (p. 70)  |
| Y0060 | 5 ml     | SHOFU Universal Primer (p. 69)   |
| 3232  | 5 ml     | AZ-Primer (p. 70)  |
| 3234  | 5 ml     | Porcelain Primer (p. 70)   |

### Indications

■ Adhesive cementation of alumina and zirconia restorations, porcelain or indirect composite veneers, crowns, bridges, inlays, onlays and indirect metal-reinforced restorations

■ Cementation of various types of posts or core build-up materials



# Glaslonomer Cement CX-Plus



Radiopaque luting cement

CX-Plus is recommended for luting posts, crowns, bridges, inlays and brackets; it is ideally suited for the bonding of long span bridges. It offers a prolonged working time and shows a lower sensitivity to moisture during the initial setting.



| PN   | Quantity | Product   |
|------|----------|---|
| 1166 | 1 pc.    | <b>CX-Plus Set</b><br>powder 35 g, liquid 17 ml             |
| 1167 | 35 g     | CX-Plus powder  |
| 1168 | 17 ml    | CX-Plus liquid  |
| 1169 | 1 pc.    | <b>CX-Plus TripleKit</b><br>3x powder 35 g, 3x liquid 17 ml |
| 1187 | 1 pc.    | <b>CX-Plus Mini-Set</b><br>powder 15 g, liquid 8 ml         |



|                                  |         |
|----------------------------------|---------|
| Fissure Sealing                  | 78 - 79 |
| Temporary Coating                | 80      |
| Prophylaxis and Polishing Pastes | 80      |
| Polishers                        | 80      |



## PREVENTION

# BeutiSealant



Self-etching fluoride releasing pit & fissure sealant

This fissure sealant is simple and gentle on the tooth substance and consists of the BeutiSealant primer and the BeutiSealant paste. The self-etching primer shortens the conventional treatment time by eliminating the treatment steps of etching and rinsing.



The treatment is gentle, as the demineralising and dehydrating effect of the phosphoric acid etching on healthy tooth substance is avoided.

- BeutiSealant achieves a shear bond strength of 19.5 MPa, which is comparable or even better than fissure sealing with phosphoric etching.
- The BeutiSealant paste continuously releases fluoride.

## Benefits

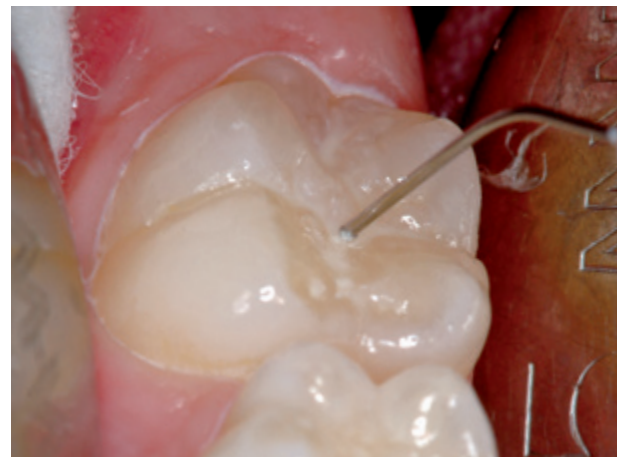
- Ideal handling and viscosity
- No air inclusions thanks to bubble-free consistency
- Dentine-like radiopacity of 0.92 mm Al
- High shear bond strength without etch and rinse technique
- Application in four easy steps within 30 seconds
- Bisphenol A- and HEMA-free

### Indications

Preventive pit and fissure sealing in deciduous and permanent teeth

### Complete Seal

The paste has an optimal flow and bubble-free consistency and is easy to apply, hence completely filling and permanently sealing gaps and voids. A specially developed non-drip syringe with a fine 27 gauge cannula (ø 0.4 mm) for precise application is part of the set.




## info

Fluoride free Pressage paste is recommended for professional cleaning before fissure sealing (p. 45).


| PN   | Quantity | Product   |
|------|----------|---|
| 1798 | 1 pc.    | <b>BeautiSealant Set</b><br>BeautiSealant paste 1.2 g,<br>BeautiSealant primer 3 ml,<br>15 needle tips, 50 pcs. Microbrush Fine (pink),<br>25 pcs. V-dish |
| 1799 | 1.2 g    | BeautiSealant paste   |
| 1800 | 3 ml     | BeautiSealant primer  |
| 1794 | 50 pcs.  | BeautiSealant needle tips 27 G  |




#### Four easy steps




**1** Apply primer to clean tooth and leave for 5 seconds



**2** Gently air dry for 5 seconds



**3** Apply paste



**4** Light-cure with a halogen (20 seconds) or LED (10 seconds) curing light

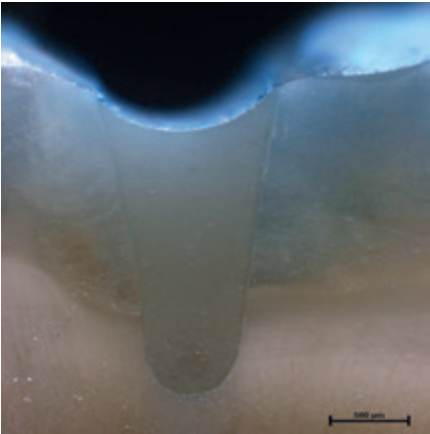
## BEAUTIFIL Flow F10

Flowable composite material for tight and bubble-free restorations

Beautifil Flow F10 is especially suitable for extended fissure sealing due to its user friendly viscosity and the fluoride release.



Detailed information on page 56



Source: University of Giessen, Germany  
 "Sind unterschiedliche Flowables zur Versiegelung minimalinvasiv  
 erweiterter Fissuren geeignet?"  
 ("Are different flowables suitable for minimally invasive extended  
 fissure sealing?")

This cross-section of a tooth subjected to dye penetration testing after extended fissure sealing shows a tight and bubble-free restoration.



# Resin Glaze

Temporary surface gloss coating

Resin Glaze is a light-cured, surface gloss coating material for temporary restorations. The bond strength of the material (liquid) is increased when used in conjunction with the dedicated Primer.

### Indications

For temporary glazing of artificial resin teeth, acrylic denture base materials, CAD/CAM PMMA materials, CAD/CAM hybrid ceramic materials, indirect composite resins, provisional materials



| PN    | Quantity | Product             |
|-------|----------|---------------------|
| Y0003 | 6 ml     | Resin Glaze, Primer |
| Y0004 | 6 ml     | Resin Glaze, Liquid |

## Merssage ■ Pressage

Prophylaxis pastes for all indications

The fluoride containing Merssage pastes remove plaque and provide a smooth and polished tooth surface.  
Pressage paste is fluoride-free and recommended for use before bleaching or fissure sealing (p. 45).



## DirectDia Paste

Diamond impregnated polishing paste for intra and extraoral high gloss polish

The diamond impregnated paste can be used for polishing and cleaning natural teeth and for the removal of minor discolourations from all restorative materials (p. 42).



## OneGloss (assortment)

For composite and enamel

All OneGloss instruments are ideal for the removal of surface discolourations without damaging the enamel, for enamel polishing after scaling and for eliminating composite or cement residues after the removal of brackets (p. 22).



|                            |         |
|----------------------------|---------|
| SHOFU Disk ZR Lucent Supra | 82 - 83 |
| SHOFU Disk ZR Lucent       | 84      |
| SHOFU Block HC Hard        | 85      |
| SHOFU Block/Disk HC        | 86 - 87 |



## CAD/CAM MATERIALS

# SHOFU Disk ZR Lucent Supra



Multilayer zirconia for every challenge

SHOFU Disk ZR Lucent Supra combines high-strength zirconia varieties in an extremely powerful multilayer CAD/CAM material. Translucencies increasing from the cervical zone to the enamel zone and outstanding flexural strength in all zones make it a premium restorative meeting every clinical challenge. Whether monolithic, partly or fully veneered, SHOFU Disk ZR Lucent Supra allows you to achieve great results in all cases.



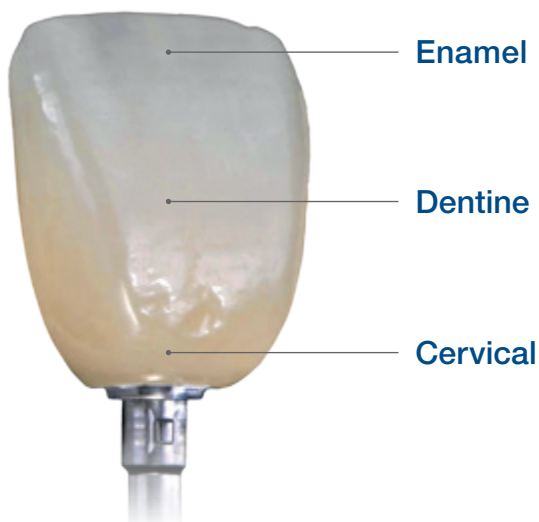
## Indications

Production of inlays/onlays, veneers, full crowns for anterior and posterior teeth and implant-supported restorations with dental CAD/CAM milling systems

## benefits

- High flexural strength of more than 1,000 MPa across the entire disk height
- Free choice of the nesting position in the disk
- Multiple indications, including 14-unit bridges with two connected pontics
- Compatible with all current CAD/CAM systems
- Suitable for both staining and cut-back/veneering technique
- Smooth transition of shades and translucencies
- High-end aesthetics, comparable to lithium disilicate

The material covers a wide range of indications, including 14-unit bridges with two connected pontics in the anterior and posterior regions. Thanks to higher light reflection in the cervical area, as compared to ZR Lucent, ZR Lucent Supra also features a lifelike appearance without any compromise, especially in cases requiring more effective masking, such as discoloured stumps or implants.



Disk ZR Lucent Supra is based on the same gradation concept as Disk ZR Lucent, with the same smooth shade transitions between five layers, instead of only two or three. In contrast to Disk ZR Lucent, however, the layers do not consist of one material in different shades, but of different zirconia varieties with different flexural strengths and translucencies:

- Enamel: flexural strength 1,034 MPa, translucency 44%
- Dentine: flexural strength 1,163 MPa, translucency 40%
- Cervical: flexural strength 1,454 MPa, translucency 37%

3-point flexural test (DIN-ISO 6872), translucency (JIS R3106:1998, shade A2)

| Shade      | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. |
|------------|-------------|-------------|-------------|-------------|-------------|
|            | 12 mm       | 14 mm       | 16 mm       | 18 mm       | 22 mm       |
| Pure White | Z0156       | Z0168       | Z0180       | Z0192       | Z0204       |
| W0         | Z0157       | Z0169       | Z0181       | Z0193       | Z0205       |
| W2         | Z0158       | Z0170       | Z0182       | Z0194       | Z0206       |
| A1         | Z0159       | Z0171       | Z0183       | Z0195       | Z0207       |
| A2         | Z0160       | Z0172       | Z0184       | Z0196       | Z0208       |
| A3         | Z0161       | Z0173       | Z0185       | Z0197       | Z0209       |
| A3.5       | Z0162       | Z0174       | Z0186       | Z0198       | Z0210       |
| B1         | Z0163       | Z0175       | Z0187       | Z0199       | Z0211       |
| B3         | Z0164       | Z0176       | Z0188       | Z0200       | Z0212       |
| C1         | Z0165       | Z0177       | Z0189       | Z0201       | Z0213       |
| C3         | Z0166       | Z0178       | Z0190       | Z0202       | Z0214       |
| D2         | Z0167       | Z0179       | Z0191       | Z0203       | Z0215       |



The blanks with a diameter of 98.5 mm (incl. shoulder) are suitable for nearly all current CAD/CAM machines



SHOFU Disk ZR Lucent Supra restoration, aesthetically optimised and sealed with Vintage Art Universal stains and glazes

## info

Monolithic restorations made of SHOFU Disk ZR Lucent Supra or SHOFU Disk ZR Lucent can be aesthetically optimised and sealed with Vintage Art Universal Stains and Glazes (p. 110) as needed.

To aesthetically perfect a reduced framework, complete the anatomical shape with the aid of Vintage ZR dentine and incisal or translucent materials (p. 107).

### Systematic extraoral polishing in only three steps:

- Adjusting and contouring with Dura-Green DIA diamond abrasives (p. 12)
- Finishing and prepolishing with ZiLMaster Coarse silicone polishers (p. 16)
- Polishing and high-gloss polishing with ZirGloss high-performance polishing compound (p. 43)



# SHOFU Disk ZR Lucent



Highly translucent multilayer zirconia disk

SHOFU Disk ZR Lucent is a highly translucent 5Y-PSZ zirconia disk for the production of monolithic restorations, characterised by a smooth blend of shades, without visible transitions, and natural translucency. The presintered milling blanks come in one Monolayer and several Multilayer designs. SHOFU Disk ZR Lucent combines an outstanding flexural strength of over 1,000 MPa with high light transmission (similar to that of lithium disilicate), so you can use it for a variety of indications..



Tooth 21 has received a stained and glazed monolithic SHOFU Disk ZR Lucent Veneer.

The smooth transition of shades in the five-layer blanks creates a harmonious, lifelike blend of shades from enamel (one layer) to dentine (three layers) and the cervical area (one layer). Value, chroma and translucency can easily be customised during restoration design by selecting the optimal nesting position in the disk. The disks are available in five thicknesses, depending on the crown length and the planned shade gradient of cervical, dentin and enamel areas.

## Indications

Production of zirconia inlays, onlays, crowns and bridges for anterior and posterior teeth with dental CAD/CAM milling systems

## benefits

Flexural strength of over 1,000 MPa for greater peace of mind

Translucency of lithium disilicate

Suitable for anterior crowns and bridges (up to 6 units)

Suitable for posterior crowns and bridges (up to 3 units)

Natural, harmonious blend of shades – from incisal to cervical aspects

Suitable for both staining and cut-back/veneering technique

| Shade        | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. | PN<br>1 pc. |
|--------------|-------------|-------------|-------------|-------------|-------------|
|              | 12 mm       | 14 mm       | 16 mm       | 18 mm       | 22 mm       |
| Trans (Mono) | Z0100       | Z0022       | Z0112       | Z0026       | Z0030       |
| A1           | Z0101       | Z0023       | Z0113       | Z0027       | Z0031       |
| A2           | Z0102       | Z0024       | Z0114       | Z0028       | Z0032       |
| A3           | Z0103       | Z0025       | Z0115       | Z0029       | Z0033       |
| A3.5         | Z0104       | Z0108       | Z0116       | Z0120       | Z0124       |
| B1           | Z0105       | Z0109       | Z0117       | Z0121       | Z0125       |
| C1           | Z0106       | Z0110       | Z0118       | Z0122       | Z0126       |
| D2           | Z0107       | Z0111       | Z0119       | Z0123       | Z0127       |



The blanks with a diameter of 98.5 mm (incl. shoulder) are suitable for nearly all current CAD/CAM machines

Please observe the additional order information on p. 83.

# SHOFU Block HC Hard



CAD/CAM hybrid-ceramic material for durable single-tooth restorations

SHOFU Block HC Hard combines the best characteristics of high-strength ceramics and high-performance composites. Ceramic-like strength makes your restorations wear-resistant and durable, and composite-like elasticity allows them to effectively absorb masticatory forces. Thanks to these benefits, this new hybrid ceramic is the ideal alternative to traditional ceramics for permanent, monolithic anterior and posterior single-tooth restorations.



An outstanding three-point flexural strength of more than 270 MPa ensures long-term occlusal stability, low abrasion and durable restorations. Moreover, this strength allows you to precisely and time-efficiently grind even thin margins of single-tooth restorations.

## benefits

- Outstanding flexural strength of more than 270 MPa
- High potential to absorb masticatory forces
- Aesthetic results achievable in a short time
- Compatible with CEREC and all milling systems with universal holders
- Reliable bonding with HC Primer and the ResiCem System

6

### Indications

Production of implant-supported restorations, anterior and posterior crowns, inlays, onlays and veneers with dental CAD/CAM systems

| Shade         | PN<br>5 pcs. |
|---------------|--------------|
| UNIVERSAL     |              |
| W2-LT         | Z0055        |
| A1-LT         | Z0056        |
| A2-LT         | Z0057        |
| A3-LT         | Z0058        |
| A3.5-LT       | Z0059        |
| A4-LT         | Z0095        |
| A1-HT         | Z0060        |
| A2-HT         | Z0061        |
| A3-HT         | Z0062        |
| OC (Occlusal) | Z0063        |
| 59 (Incisal)  | Z0064        |

| Shade         | PN<br>5 pcs. |
|---------------|--------------|
| FOR CEREC     |              |
| W2-LT         | Z0075        |
| A1-LT         | Z0076        |
| A2-LT         | Z0077        |
| A3-LT         | Z0078        |
| A3.5-LT       | Z0079        |
| A4-LT         | Z0097        |
| A1-HT         | Z0080        |
| A2-HT         | Z0081        |
| A3-HT         | Z0082        |
| OC (Occlusal) | Z0083        |
| 59 (Incisal)  | Z0084        |



| PN          | Quantity | Product                         |
|-------------|----------|---------------------------------|
| Z0055-Z0064 | 5 pcs.   | SHOFU Block HC Hard (Universal) |
| Z0075-Z0084 | 5 pcs.   | SHOFU Block HC Hard for CEREC   |
| Y0005       | 5 ml     | HC Primer (p. 70)               |

LT = low translucency  
HT = high translucency

Please observe the additional order information on p. 86.

# SHOFU Block HC ■ SHOFU Disk HC



Ceramic-based CAD/CAM material for durable, metal-free restorations

SHOFU Block HC can be used for almost all single-tooth indications for CAD/CAM technology and machined wet or dry in all standard milling units. This high-performance restorative material features exceptional long-term stability and flexural strength, plus lifelike light diffusion. It comes with three different holding pins (Universal, CEREC and Ceramill), in various shades (high and low translucency) and as one and two-layer milling blocks. The two additional enamel shades are particularly suitable for aesthetic inlays, onlays and veneers.



For milling with the aid of open CAM systems, SHOFU Disk HC circular blocks, 98.5 mm in diameter, are also available. Our versatile and stress-absorbing hybrid material can be easily and accurately milled and quickly polished to a high gloss.

## info

For adhesive cementation, we recommend the use of HC Primer (p. 70), a reliable bonding system infiltrating the polymer matrix and ensuring very high bond strengths in combination with ResiCem (p. 74).

For easy and efficient prepolishing and high-gloss polishing, our CeraMaster Coarse and CeraMaster silicone polishers with integrated diamond particles (p. 20), as well as Dura-Polish and Dura-Polish DIA polishing pastes, will be ideal.

If desired, single-tooth restorations can be aesthetically optimised in a dental laboratory by reduction in size (cut-back technique), followed by layering of Ceramage UP dentin and enamel shades (p. 123).

## benefits

Stress-absorbing hybrid ceramic material

Wide range of shades and translucencies

Two-layer blocks for aesthetic anterior restorations

High flexural strength (more than 190 MPa)

Lifelike light diffusion and fluorescence

Excellent handling and milling properties

Easy and efficient polishability

## Indications

Production of inlays, onlays, veneers and full crowns for anterior and posterior teeth, as well as implant-supported restorations, using dental CAD/CAM systems



## SHOFU Block HC / Disk HC - Sets and Single Components

Intro Set Universal



### Intro Set

The introduction to the hybrid ceramic CAD/CAM technology includes 10 blocks

5 blocks each in the sizes

- S: A1-HT, A2-HT, A3-HT, A3-LT, OC
- M: A1-HT, A2-HT, A3-HT, A3-LT, OC
- instructions for use

| PN    | Quantity | Product                              |
|-------|----------|--------------------------------------|
| 2150U | 1 pc.    | SHOFU Block HC Intro Set (Universal) |
| 2150C | 1 pc.    | SHOFU Block HC Intro Set for CEREC   |
| Y0005 | 5 ml     | HC Primer (p. 70)                    |

| Shade                       | PN<br>5 pcs. |
|-----------------------------|--------------|
| <b>BLOCK HC (UNIVERSAL)</b> |              |
| 1-layer                     |              |
| W2-LT                       | 2157U        |
| A1-LT                       | 2159U        |
| A2-LT                       | 2161U        |
| A3-LT                       | 2169U        |
| A3.5-LT                     | 2162U        |
| B3-LT                       | 2170U        |
| A1-HT                       | 2158U        |
| A2-HT                       | 2160U        |
| A3-HT                       | 2168U        |
| 59 (Incisal)                | 2171U        |
| OC (Occlusal)               | 2172U        |
| 2-layer                     |              |
| A1-2L                       | Z0017        |
| A2-2L                       | Z0001        |
| A3-2L                       | Z0002        |
| A3.5-2L                     | Z0003        |

| Shade                     | PN<br>5 pcs. |
|---------------------------|--------------|
| <b>BLOCK HC FOR CEREC</b> |              |
| 1-layer                   |              |
| W2-LT                     | 2157C        |
| A1-LT                     | 2159C        |
| A2-LT                     | 2161C        |
| A3-LT                     | 2169C        |
| A3.5-LT                   | 2162C        |
| B3-LT                     | 2170C        |
| A1-HT                     | 2158C        |
| A2-HT                     | 2160C        |
| A3-HT                     | 2168C        |
| 59 (Incisal)              | 2171C        |
| OC (Occlusal)             | 2172C        |
| 2-layer                   |              |
| A2-2L                     | Z0019        |
| A2-2L                     | Z0008        |
| A3-2L                     | Z0009        |
| A3.5-2L                   | Z0010        |

| Shade                        | PN<br>5 pcs. |
|------------------------------|--------------|
| <b>BLOCK HC FOR CERAMILL</b> |              |
| 1-layer                      |              |
| W2-LT                        | 2157A        |
| A1-LT                        | 2159A        |
| A2-LT                        | 2161A        |
| A3-LT                        | 2169A        |
| A3.5-LT                      | 2162A        |
| B3-LT                        | 2170A        |
| A1-HT                        | 2158A        |
| A2-HT                        | 2160A        |
| A3-HT                        | 2168A        |
| 59 (Incisal)                 | 2171A        |
| OC (Occlusal)                | 2172A        |
| 2-layer                      |              |
| A2-2L                        | Z0021        |
| A2-2L                        | Z0014        |
| A3-2L                        | Z0015        |
| A3.5-2L                      | Z0016        |

| Shade          | PN<br>1 pc. |
|----------------|-------------|
| <b>DISK HC</b> |             |
| 1-layer        |             |
| W2-LT          | 2180S       |
| A1-LT          | 2181S       |
| A2-LT          | 2182S       |
| A3-LT          | 2183S       |
| A3.5-LT        | 2184S       |
| B3-LT          | 2185S       |
| A1-HT          | 2186S       |
| A2-HT          | 2187S       |
| A3-HT          | 2188S       |
| 59 (Incisal)   | 2189S       |
| OC (Occlusal)  | 2190S       |

LT = low translucency  
HT = high translucency

The blanks are 14 mm thick and with a diameter of 98.5 mm (incl. shoulder) suitable for nearly all current CAD/CAM machines.

LT = low translucency  
HT = high translucency  
Size M (12 x 14 x 18 mm)

 **Dentsply  
Sirona**

 **AMANN GIRRBACH**



|                           |           |
|---------------------------|-----------|
| Vintage Porcelain Systems | 90 - 91   |
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## INDIRECT RESTORATIONS - PORCELAIN SYSTEMS



## Colour codes

|             |                               |
|-------------|-------------------------------|
| AM          | Amber                         |
| B           | Black                         |
| BG          | Blue Glass                    |
| Bl          | Blue                          |
| Br          | Brown                         |
| G           | Gray                          |
| Gr          | Green                         |
| O / LO      | Orange / Light Orange         |
| P / LP / DP | Pink / Light Pink / Dark Pink |
| R / DR      | Red / Deep Red                |
| V           | Violet                        |
| Vn          | Vanilla                       |
| W           | White                         |
| Y / LY      | Yellow / Light Yellow         |
| Gum-P       | Gum Pink                      |
| Gum-DP      | Gum Dark Pink                 |
| Gum-LP      | Gum Light Pink                |
| Gum-Or      | Gum Orange                    |
| Gum-R       | Gum Red                       |
| Gum-V       | Gum Violet                    |
| CT-CL       | Cervical Translucent Clear    |
| CT-W        | Cervical Translucent White    |
| T           | Translucent                   |
| BT          | Blue Translucent              |
| GT          | Gray Translucent              |
| HT          | High Translucent              |
| LT          | Low Translucent               |
| OT          | Orange Translucent            |
| PT          | Pink Translucent              |
| SL          | Superlucant                   |
| YT          | Yellow Translucent            |
| S           | Sand                          |
| WE          | White Enamel                  |
| OC          | Occlusal                      |
| WB          | White Band                    |
| MI          | Milky                         |
| MP          | Mamelon Pink                  |
| MY          | Mamelon Yellow                |
| Mlv         | Mamelon Ivory                 |
| CLM         | Clear Margin                  |
| LPM         | Light Pink Margin             |
| DPM         | Dark Pink Margin              |
| OrM         | Orange Margin                 |
| BrM         | Brown Margin                  |
| MLM         | Masking Light Margin          |
| MDM         | Masking Dark Margin           |

## ACCESSORIES

| PN   | Quantity | Product   |
|--|----------|---|
| VINTAGE PRO - COLOR INDICATORS                 |          |   |
| P0880  | 1 pc.    | Vintage Pro color indicator Body                        |
| P0881  | 1 pc.    | Vintage Pro color indicator Effect / Gum / Cervical     |
| P0882  | 1 pc.    | Vintage Pro color indicator Enamel                      |
| P0883  | 1 pc.    | Vintage Pro color indicator Enamel Effect               |
| P0883  | 1 pc.    | Vintage Pro color indicator Opaque Dentin               |
| COLOR INDICATORS / SHADE GUIDES                |          |   |
| 8020   | 1 pc.    | Vintage AL / ZR color indicator Opaque Liner            |
| 8041   | 1 pc.    | Vintage MP / AL / ZR color indicator Color Effect       |
| 8042   | 1 pc.    | Vintage color indicator Enamel                          |
| 8044   | 1 pc.    | Vintage color indicator Margin                          |
| 8045   | 1 pc.    | Vintage color indicator Opaque Dentin                   |
| 8046   | 1 pc.    | Vintage color indicator Opaque                          |
| 8047   | 1 pc.    | Vintage color indicator Body                            |
| 8048   | 1 pc.    | Vintage color indicator Cervical, Correction            |
| 9623   | 1 pc.    | Vintage Whitening Shade Guide                           |
| VINTAGE HALO - COLOR INDICATORS / SHADE GUIDES |          |   |
| 7031   | 1 pc.    | Color indicator Basic (Opaque / Body / Add-On)          |
| 7032   | 1 pc.    | Color indicator Opal (Opal / Incisal)                   |
| 7033   | 1 pc.    | Color indicator Opaque Dentin                           |
| 7034   | 1 pc.    | Color indicator Red Shift                               |
| 7035   | 1 pc.    | Color indicator Value Plus                              |
| 7036   | 1 pc.    | Color indicator Margin                                  |
| 7037   | 1 pc.    | Color indicator Effect Colors                           |
| 7041   | 1 pc.    | Shade Guide Basis with 3x Gumy                          |
| 7042   | 1 pc.    | Shade Guide Red Shift with 3x Gumy                      |
| 7043   | 1 pc.    | Shade Guide Value Plus with 3x Gumy                     |
| 7045   | 1 pc.    | NCC Shade Guide set                                     |
| 7049   | 1 pc.    | NCC holder set  |
| 7051   | 1 pc.    | Whitening Shade Guide                                   |
| GUMY - GINGIVA INDICATORS                      |          |   |
| 7040   | 1 pc.    | Gumy - Gingiva indicator (Light / Medium / Dark)        |
| 9622   | 1 pc.    | Vintage Gumy (Light Pink, Medium Pink, Pink, Dark Pink) |

# VINTAGE PRO



Optimised leucite-reinforced feldspathic porcelain for the classical CTE range

Based on the high-fusing Vintage porcelain systems, the Vintage PRO metal ceramic is characterised by professional efficiency and aesthetics. The excellent handling of the well-established product lines has been systematically optimised, and its porcelain basis has been combined with new materials – for even greater ease of use, higher safety and firing stability, and naturally opalescent shades.

## benefits

- Professional aesthetics with precise opalescence and fluorescence
- Easy handling thanks to high stackability during sculpting
- Perfect adaptation to all conventional PFM alloys
- True-to-nature shade system reproducing all VITA\* Classical shades
- Customised shade matching with effect porcelains and stains
- Excellent colour, dimensional and firing stability – even after multiple firing



With its firing temperature of approx. 900 °C, Vintage PRO is indicated primarily for veneering nonprecious alloy frameworks, but it can also be used to easily and aesthetically veneer high-gold, reduced-gold or palladium-based PFM alloys. Besides, the system is ideal for use on metal frameworks made by CAD/CAM or sintering.

The uncomplicated porcelains of the Vintage PRO system allow both beginners and professionals to achieve maximum aesthetics in a minimum of time.

### Indications

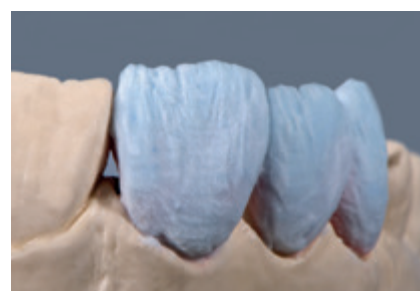
Compatible with all commonly used PFM alloys with a recommended CTE of  $13.5$  to  $14.8 \times 10^{-6} \text{K}^{-1}$



Dentine build-up



Translucent layer between Body and Opal Incisal



Completion of the tooth shape with Opal Incisal

## VINTAGE PRO - Sets



| PN    | Quantity | Product                                      |
|-------|----------|--|
| P0501 | 1 pc.    | Vintage PRO Basic Build Up Set               |
| P0502 | 1 pc.    | Vintage PRO Basic Powder Opaque Set          |
| P0503 | 1 pc.    | Vintage PRO Basic Paste Opaque Set           |
| P0504 | 1 pc.    | Vintage PRO Starter Set A2 / A3 Paste Opaque |
| P0507 | 1 pc.    | Vintage PRO Enamel Effect Set                |
| P0508 | 1 pc.    | Vintage PRO Color Effect Set                 |

## VINTAGE PRO - Liquids

| PN    | Quantity | Product   |
|-------|----------|---|
| P0491 | 20 ml    | Vintage PRO Paste Opaque Liquid                 |
| P0492 | 50 ml    | Vintage PRO Powder Opaque Liquid                |
| P0493 | 500 ml   | Vintage PRO Powder Opaque Liquid                |
| 9613  | 50 ml    | Vintage Mixing Liquid HC                        |
| 9614  | 500 ml   | Vintage Mixing Liquid HC                        |
| 9615  | 50 ml    | Vintage Hardening Liquid                        |
| 7642  | 3 ml     | Vintage CPM Modelling Liquid                    |
| 8012  | 7 ml     | Vintage Margin Porcelain Isolation Liquid (pen) |

### Basic Build Up Set

Contains all components for restorations in the shades A1-A4, B2, B3 and D3

- 3x Cervical, 15 g each • 8x Opaque Dentin, 15 g each
- 8x Body, 15 g each • 4x Opal Enamel, 15 g each • Opal Effect, 15 g
- correction porcelain (ADD-ON T), 15 g • Vintage Mixing Liquid HC, 50 ml
- instructions for use

### Basic Powder Opaque Set

Powder opaques for masking metal frameworks

- Base Powder Opaque, 15 g • 8x Powder Opaque, 15 g each
- Vintage PRO Powder Opaque Liquid, 50 ml • instructions for use

### Basic Paste Opaque Set

Ready-to-use paste opaques for masking metal frameworks

- Base Paste Opaque, 6 g • 8x Paste Opaque, 6 g each
- Vintage PRO Paste Opaque Liquid, 20 ml • instructions for use

### Starter Set A2 / A3 Paste Opaque

Contains all components for restorations in the shades A2 and A3

- Base Paste Opaque, 6 g • 2x Paste Opaque, 6 g each
- 2x Opaque Dentin, 15 g each • 2x Body, 15 g each
- 2x Opal Enamel, 15 g each • Opal Effect, 15 g • Enamel Effect, 15 g
- Vintage Mixing Liquid HC, 50 ml
- Vintage PRO Paste Opaque Liquid, 20 ml • instructions for use

### Enamel Effect Set

Incisal and translucent powders for an individual, natural light-transmission in the incisal area

- 2x Opal Enamel, 15 g each • 8x Opal Effect, 15 g each
- 9x Enamel Effect, 15 g each • Translucent, 15 g • instructions for use

### Color Effect Set

For individual effects in the dentine and cervical area

- 9x Color Effect, 15 g each • 6x Gum, 15 g each
- instructions for use

## VINTAGE PRO - Single Components

### Paste Opaque

| Shade           | PN<br>6 g |
|-----------------|-----------|
| BASE OPAQUE     |           |
| Base            | P0001     |
| SHADE OPAQUE    |           |
| W00             | P0018     |
| W10             | P0019     |
| W20             | P0020     |
| W30             | P0021     |
| A10             | P0002     |
| A20             | P0003     |
| A30             | P0004     |
| A3.50           | P0005     |
| A40             | P0006     |
| B10             | P0007     |
| B20             | P0008     |
| B30             | P0009     |
| B40             | P0010     |
| C10             | P0011     |
| C20             | P0012     |
| C30             | P0013     |
| C40             | P0014     |
| D20             | P0015     |
| D30             | P0016     |
| D40             | P0017     |
| OPAQUE MODIFIER |           |
| OM-G            | P0022     |
| OM-O            | P0023     |
| OM-Br           | P0024     |
| OM-Y            | P0025     |
| OM-BG           | P0026     |
| OM-LP           | P0027     |
| OM-DP           | P0028     |

### Powder Opaque

| Shade           | PN<br>15 g | PN<br>50 g |
|-----------------|------------|------------|
| BASE OPAQUE     |            |            |
| Base            | P0031      | P0061      |
| SHADE OPAQUE    |            |            |
| W00             | P0048      | P0078      |
| W10             | P0049      | P0079      |
| W20             | P0050      | P0080      |
| W30             | P0051      | P0081      |
| A10             | P0032      | P0062      |
| A20             | P0033      | P0063      |
| A30             | P0034      | P0064      |
| A3.50           | P0035      | P0065      |
| A40             | P0036      | P0066      |
| B10             | P0037      | P0067      |
| B20             | P0038      | P0068      |
| B30             | P0039      | P0069      |
| B40             | P0040      | P0070      |
| C10             | P0041      | P0071      |
| C20             | P0042      | P0072      |
| C30             | P0043      | P0073      |
| C40             | P0044      | P0074      |
| D20             | P0045      | P0075      |
| D30             | P0046      | P0076      |
| D40             | P0047      | P0077      |
| OPAQUE MODIFIER |            |            |
| OM-G            | P0052      | P0082      |
| OM-O            | P0053      | P0083      |
| OM-Br           | P0054      | P0084      |
| OM-Y            | P0055      | P0085      |
| OM-BG           | P0056      | P0086      |
| OM-LP           | P0057      | P0087      |
| OM-DP           | P0058      | P0088      |

| Shade         | PN<br>15 g | PN<br>50 g |
|---------------|------------|------------|
| MARGIN        |            |            |
| NM            | P0102      |            |
| W0M           | P0101      |            |
| A1M           | P0091      |            |
| A2M           | P0092      |            |
| A3M           | P0093      |            |
| A3.5M         | P0094      |            |
| A4M           | P0095      |            |
| B2M           | P0096      |            |
| B4M           | P0097      |            |
| C2M           | P0098      |            |
| C4M           | P0099      |            |
| D3M           | P0100      |            |
| MARGIN EFFECT |            |            |
| CLM           | P0109      |            |
| LPM           | P0103      |            |
| DPM           | P0104      |            |
| MLM           | P0105      |            |
| MDM           | P0106      |            |
| OrM           | P0107      |            |
| BrM           | P0108      |            |
| CERVICAL      |            |            |
| AC            | P0111      | P0115      |
| BC            | P0112      | P0116      |
| CC            | P0113      | P0117      |
| DC            | P0114      | P0118      |
| OPAQUE DENTIN |            |            |
| OD-N          | P0228      | P0248      |
| OD-W0         | P0227      | P0247      |
| OD-A1         | P0211      | P0231      |
| OD-A2         | P0212      | P0232      |
| OD-A3         | P0213      | P0233      |
| OD-A3.5       | P0214      | P0234      |
| OD-A4         | P0215      | P0235      |
| OD-B1         | P0216      | P0236      |
| OD-B2         | P0217      | P0237      |
| OD-B3         | P0218      | P0238      |
| OD-B4         | P0219      | P0239      |
| OD-C1         | P0220      | P0240      |
| OD-C2         | P0221      | P0241      |
| OD-C3         | P0222      | P0242      |
| OD-C4         | P0223      | P0243      |
| OD-D2         | P0224      | P0244      |
| OD-D3         | P0225      | P0245      |
| OD-D4         | P0226      | P0246      |



| Shade        | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|--------------|------------|------------|-------------|
| BODY         |            |            |             |
| W0B          | P0137      | P0167      | P0197       |
| W1B          | P0138      | P0168      | P0198       |
| W2B          | P0139      | P0169      | P0199       |
| W3B          | P0140      | P0170      | P0200       |
| A1B          | P0121      | P0151      | P0181       |
| A2B          | P0122      | P0152      | P0182       |
| A3B          | P0123      | P0153      | P0183       |
| A3.5B        | P0124      | P0154      | P0184       |
| A4B          | P0125      | P0155      | P0185       |
| B1B          | P0126      | P0156      | P0186       |
| B2B          | P0127      | P0157      | P0187       |
| B3B          | P0128      | P0158      | P0188       |
| B4B          | P0129      | P0159      | P0189       |
| C1B          | P0130      | P0160      | P0190       |
| C2B          | P0131      | P0161      | P0191       |
| C3B          | P0132      | P0162      | P0192       |
| C4B          | P0133      | P0163      | P0193       |
| D2B          | P0134      | P0164      | P0194       |
| D3B          | P0135      | P0165      | P0195       |
| D4B          | P0136      | P0166      | P0196       |
| COLOR EFFECT |            |            |             |
| W            | P0408      | P0428      |             |
| O            | P0406      | P0426      |             |
| Br           | P0409      | P0429      |             |
| Y            | P0405      | P0425      |             |
| Bl           | P0410      | P0430      |             |
| G            | P0407      | P0427      |             |
| MP           | P0401      | P0421      |             |
| MY           | P0402      | P0422      |             |
| Mlv          | P0403      | P0423      |             |
| RED          | P0404      | P0424      |             |
| RED-L        | P0411      | P0431      |             |
| OPAL ENAMEL  |            |            |             |
| Opal 55      | P0281      | P0291      | P0301       |
| Opal 56      | P0282      | P0292      | P0302       |
| Opal 57      | P0283      | P0293      | P0303       |
| Opal 58      | P0284      | P0294      | P0304       |
| Opal 59      | P0285      | P0295      | P0305       |
| Opal 60      | P0286      | P0296      | P0306       |

| Shade           | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|-----------------|------------|------------|-------------|
| OPAL EFFECT     |            |            |             |
| Opal T          | P0318      | P0328      | P0395       |
| Opal SL         | P0319      | P0329      | P0396       |
| Opal WE         | P0311      | P0321      |             |
| Opal OC         | P0312      | P0322      |             |
| Opal WB         | P0317      | P0327      |             |
| Opal MI         | P0316      | P0326      |             |
| Opal AM-R       | P0313      | P0323      |             |
| Opal AM-Y       | P0314      | P0324      |             |
| Opal AM-V       | P0315      | P0325      |             |
| ENAMEL STANDARD |            |            |             |
| 57              | P0251      | P0261      | P0271       |
| 58              | P0252      | P0262      | P0272       |
| 59              | P0253      | P0263      | P0273       |
| 60              | P0254      | P0264      | P0274       |
| ENAMEL EFFECT   |            |            |             |
| BT              | P0331      | P0351      |             |
| PT              | P0332      | P0352      |             |
| GT              | P0333      | P0353      |             |
| OT              | P0334      | P0354      |             |
| YT              | P0335      | P0355      |             |
| BG              | P0336      | P0356      |             |
| WT              | P0337      | P0357      |             |
| AC-T            | P0338      | P0358      |             |
| BC-T            | P0339      | P0359      |             |
| CC-T            | P0340      | P0360      |             |
| DC-T            | P0341      | P0361      |             |
| TRANSLUCENT     |            |            |             |
| T               | P0342      | P0362      | P0391       |
| T-Glass         | P0343      | P0363      | P0392       |
| GUM             |            |            |             |
| Gum-LP          | P0461      | P0471      |             |
| Gum-DP          | P0462      | P0472      |             |
| Gum-V           | P0463      | P0473      |             |
| Gum-Or          | P0464      | P0474      |             |
| Gum-R           | P0465      | P0475      |             |
| Gum-P           | P0466      | P0476      |             |
| CORRECTION      |            |            |             |
| ADD-ON T        | P0481      |            |             |
| ADD-ON B        | P0482      |            |             |
| CPM             | P0483      |            |             |
| CPM Fine        | P0484      |            |             |

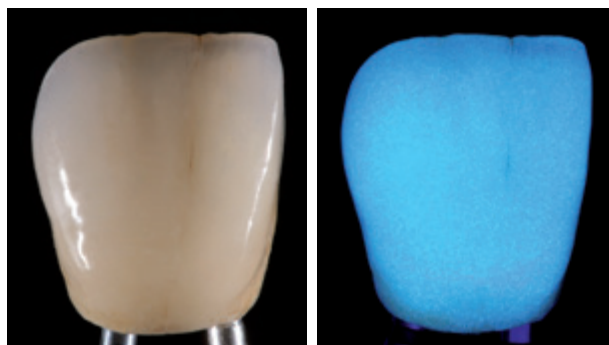
# VINTAGE MP ■ VINTAGE MP Uni-Layer



Porcelain system for all high-fusing alloys

Vintage MP is a high-purity microceramic for veneering all conventional, high-fusing PFM alloys, whether high-gold or nonprecious, with a recommended CTE range of  $13.6$  to  $15.2 \times 10^{-6} \text{K}^{-1}$ . Thanks to a special production process, the porcelain is adapted to the diffused light reflection of natural enamel and dentine.

In addition to the tooth-like diffused light reflection Vintage MP features a leucite-reinforced crystalline structure with particularly temperature-resistant colour pigments in the crystal and glass phases, even after several firings. This helps to preserve the colour brilliance and depth effect of the porcelain.



The naturalness of the VINTAGE MP porcelain powders is demonstrated under all natural light conditions and under ultra-violet light.

## benefits

Above average bond strengths thanks to orange-coloured Base Opaque

Exceptional colour stability

Extremely fine paste opaques with excellent masking effects

Low shrinkage during firing and homogeneous, dense surfaces

Highly fluorescent margin and cervical trans powders

Versatile opalescent incisal and effect powders

## VINTAGE MP Uni-Layer

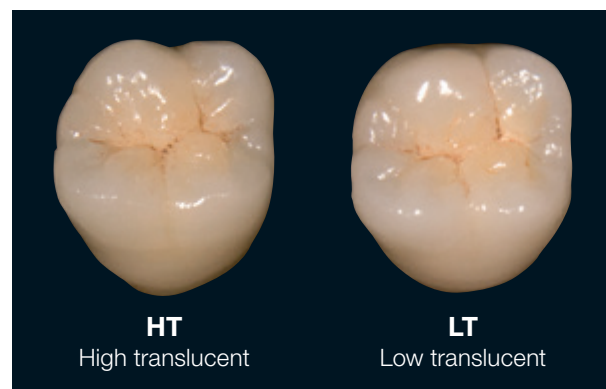
With this innovative single-layer porcelain, full-contour posterior and anterior restorations can be built up and fired in only one step.

Perfectly balancing light diffusion and chroma, this porcelain combines the optical characteristics of dentine and incisal powders in one material – for a harmonious shade progression and the illusion of depth.

- Quick and easy single-layer technique
- Simple correction options
- All 20 shades of the VITA\* Classical shade system can be reproduced with only two powders and the Vintage MP paste opaques

## Indications

Veneering of all conventional, high-fusing PFM alloys, whether high-gold or nonprecious, with a recommended CTE range of  $13.6$  to  $15.2 \times 10^{-6} \text{K}^{-1}$



Vintage MP Uni-Layer allows users to create high or low-translucency restorations, as desired.



| PN   | Quantity | Product                      |
|------|----------|------------------------------|
| 9251 | 1 pc.    | Vintage MP Whitening Set     |
| 9252 | 1 pc.    | Vintage MP Enamel Effect Set |
| 9256 | 1 pc.    | Vintage MP Color Effect Set  |
| 9257 | 1 pc.    | Vintage MP Standard Set HC   |

### Standard Set HC

Contains all components for restorations in the shades A1-A4, B2, B3 and C2

- Base Opaque, 5 g • 8x Shade Opaque, 5 g each • 8x Body, 15 g each
- 3x Cervical, 15 g each • 8x Opaque Dentin, 15 g each
- 4x Opal Enamel, 15 g each • Opal Effect, 15 g
- 2x correction porcelain (Add-On B / Add-On T), 15 g each
- Vintage MP Opaque Liquid, 3 ml • Vintage Mixing Liquid HC, 50 ml
- instructions for use

### Enamel Effect Set

Incisal and translucent powders for an individual, natural light transmission in the incisal area

- 9x Opal Effect, 15 g each • 5x Enamel Effect, 15 g each
- 5x Cervical Translucent, 15 g each • instructions for use

### Color Effect Set

For individual effects in the dentine and cervical area

- 10x Color Effect, 15 g each • 4x Gum, 15 g each
- instructions for use

### Whitening Set

Additional shades W0, W1, W2 and W3 for brighter restorations (bleaching shades)

- Base Opaque, 5 g • 4x Shade Opaque, 5 g each • 4x Body, 15 g each
- 2x Opaque Dentin, 15 g each • 3x Opal Enamel, 15 g each
- Opal Effect, 15 g • Vintage MP Opaque Liquid, 3 ml
- Whitening Shade Guide • instructions for use



## VINTAGE MP - Single Components

### Paste Opaque

| Shade                | PN<br>5 g |
|----------------------|-----------|
| <b>BASE OPAQUE</b>   |           |
| Base                 | 9260      |
| <b>SHADE OPAQUE</b>  |           |
| W00                  | 9278      |
| W10                  | 9279      |
| W20                  | 9280      |
| W30                  | 9281      |
| A10                  | 9261      |
| A20                  | 9262      |
| A30                  | 9263      |
| A3.50                | 9264      |
| A40                  | 9265      |
| RootAO               | 9266      |
| B10                  | 9267      |
| B20                  | 9268      |
| B30                  | 9269      |
| B40                  | 9270      |
| C10                  | 9271      |
| C20                  | 9272      |
| C30                  | 9273      |
| C40                  | 9274      |
| D20                  | 9275      |
| D30                  | 9276      |
| D40                  | 9277      |
| <b>OPAQUE EFFECT</b> |           |
| OM-G                 | 9282      |
| OM-O                 | 9283      |
| OM-Br                | 9284      |
| OM-Y                 | 9285      |
| OM-BG                | 9286      |
| OM-LP                | 9287      |
| OM-DP                | 9288      |

| Shade                | PN<br>15 g | PN<br>50 g |
|----------------------|------------|------------|
| <b>MARGIN</b>        |            |            |
| NM                   | 9580       |            |
| W0M                  | 9581       |            |
| A1M                  | 9582       |            |
| A2M                  | 9583       |            |
| A3M                  | 9584       |            |
| A3.5M                | 9585       |            |
| A4M                  | 9586       |            |
| RootAM               | 9587       |            |
| B2M                  | 9588       |            |
| B4M                  | 9589       |            |
| C2M                  | 9590       |            |
| C4M                  | 9591       |            |
| D3M                  | 9592       |            |
| <b>MARGIN EFFECT</b> |            |            |
| CLM                  | 9593       |            |
| LPM                  | 9594       |            |
| DPM                  | 9595       |            |
| OrM                  | 9596       |            |
| BrM                  | 9597       |            |
| MLM                  | 9598       |            |
| MDM                  | 9599       |            |
| <b>CERVICAL</b>      |            |            |
| AC                   | 9321       | 9351       |
| BC                   | 9322       | 9352       |
| CC                   | 9323       | 9353       |
| DC                   | 9324       | 9354       |
| <b>OPAQUE DENTIN</b> |            |            |
| OD-N                 | 9471       | 9491       |
| OD-W0                | 9470       | 9490       |
| OD-A1                | 9472       | 9492       |
| OD-A2                | 9473       | 9493       |
| OD-A3                | 9474       | 9494       |
| OD-A3.5              | 9475       | 9495       |
| OD-A4                | 9476       | 9496       |
| OD-RootA             | 9477       | 9497       |
| OD-B2                | 9478       | 9498       |
| OD-B4                | 9479       | 9499       |
| OD-C2                | 9480       | 9500       |
| OD-C4                | 9481       | 9501       |
| OD-D3                | 9482       | 9502       |

| Shade               | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|---------------------|------------|------------|-------------|
| <b>BODY</b>         |            |            |             |
| W0B                 | 9300       | 9330       |             |
| W1B                 | 9301       | 9331       |             |
| W2B                 | 9302       | 9332       |             |
| W3B                 | 9303       | 9333       |             |
| A1B                 | 9304       | 9334       | 9364        |
| A2B                 | 9305       | 9335       | 9365        |
| A3B                 | 9306       | 9336       | 9366        |
| A3.5B               | 9307       | 9337       | 9367        |
| A4B                 | 9308       | 9338       | 9368        |
| Root AB             | 9309       | 9339       |             |
| B1B                 | 9310       | 9340       |             |
| B2B                 | 9311       | 9341       | 9371        |
| B3B                 | 9312       | 9342       | 9372        |
| B4B                 | 9313       | 9343       |             |
| C1B                 | 9314       | 9344       |             |
| C2B                 | 9315       | 9345       | 9375        |
| C3B                 | 9316       | 9346       |             |
| C4B                 | 9317       | 9347       |             |
| D2B                 | 9318       | 9348       |             |
| D3B                 | 9319       | 9349       | 9379        |
| D4B                 | 9320       | 9350       |             |
| <b>COLOR EFFECT</b> |            |            |             |
| W                   | 9510       | 9530       |             |
| O                   | 9511       | 9531       |             |
| Br                  | 9512       | 9532       |             |
| Y                   | 9513       | 9533       |             |
| Bl                  | 9514       | 9534       |             |
| G                   | 9515       | 9535       |             |
| MP                  | 9516       | 9536       |             |
| MY                  | 9517       | 9537       |             |
| Mlv                 | 9518       | 9538       |             |
| RED                 | 9519       | 9539       |             |
| <b>OPAL ENAMEL</b>  |            |            |             |
| Opal 55             | 9390       | 9420       |             |
| Opal 56             | 9391       | 9421       |             |
| Opal 57             | 9392       | 9422       | 9452        |
| Opal 58             | 9393       | 9423       | 9453        |
| Opal 59             | 9394       | 9424       | 9454        |
| Opal 60             | 9395       | 9425       | 9455        |

| Shade                | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|----------------------|------------|------------|-------------|
| OPAL EFFECT          |            |            |             |
| Opal T               | 9396       | 9426       | 9456        |
| Opal SL              | 9397       | 9427       | 9457        |
| Opal WE              | 9403       | 9433       |             |
| Opal OC              | 9404       | 9434       |             |
| Opal WB              | 9405       | 9435       |             |
| Opal MI              | 9406       | 9436       |             |
| Opal AM-R            | 9407       | 9437       |             |
| Opal AM-Y            | 9408       | 9438       |             |
| Opal AM-V            | 9409       | 9439       |             |
| ENAMEL STANDARD      |            |            |             |
| 57                   | 9411       | 9441       | 9461        |
| 58                   | 9412       | 9442       | 9462        |
| 59                   | 9413       | 9443       | 9463        |
| 60                   | 9414       | 9444       | 9464        |
| ENAMEL EFFECT        |            |            |             |
| T-Glass              | 9398       | 9428       | 9458        |
| T                    | 9410       | 9440       |             |
| BT                   | 9399       | 9429       |             |
| PT                   | 9400       | 9430       |             |
| GT                   | 9401       | 9431       |             |
| OT                   | 9402       | 9432       |             |
| CERVICAL TRANSLUCENT |            |            |             |
| CT-CL                | 9552       | 9562       |             |
| CT-W                 | 9554       | 9564       |             |
| CT-A                 | 9550       | 9560       |             |
| CT-B                 | 9551       | 9561       |             |
| CT-R                 | 9553       | 9563       |             |
| GUM                  |            |            |             |
| Gum-LP               | 9520       | 9540       |             |
| Gum-DP               | 9521       | 9541       |             |
| Gum-V                | 9522       | 9542       |             |
| Gum-Or               | 9523       | 9543       |             |
| Gum-R                | 9524       | 9544       |             |
| Gum-P                | 9525       | 9545       |             |
| CORRECTION           |            |            |             |
| Add-On B             | 9570       |            |             |
| Add-On T             | 9571       |            |             |
| CPM Fine             | 9572       |            |             |



## Uni-Layer Set

Contains all components for aesthetic restorations in the shades A2 and A3

- Base Opaque, 5 g • Paste Opaque A20, 5 g • Paste Opaque A30, 5 g
- Vintage MP Uni-Layer HT, 50 g • Vintage MP Uni-Layer LT, 50 g
- Vintage MP Opaque Liquid, 3 ml • Vintage Mixing Liquid HC, 50 ml
- step card • instructions for use

| PN   | Quantity | Product                            |
|------|----------|------------------------------------|
| 9633 | 1 pc.    | Vintage MP Uni-Layer Set (A2 / A3) |
| 9627 | 50 g     | Vintage MP Uni-Layer HT            |
| 9628 | 200 g    | Vintage MP Uni-Layer HT            |
| 9630 | 50 g     | Vintage MP Uni-Layer LT            |
| 9631 | 200 g    | Vintage MP Uni-Layer LT            |

## VINTAGE MP - Liquids

| PN   | Quantity | Product   |
|------|----------|---|
| 9611 | 50 ml    | Vintage Mixing Liquid                           |
| 9612 | 500 ml   | Vintage Mixing Liquid                           |
| 9613 | 50 ml    | Vintage Mixing Liquid HC                        |
| 9614 | 500 ml   | Vintage Mixing Liquid HC                        |
| 9615 | 50 ml    | Vintage Hardening Liquid                        |
| 9617 | 20 ml    | Vintage MP Opaque Liquid                        |
| 7642 | 3 ml     | Vintage CPM Modelling Liquid                    |
| 8012 | 7 ml     | Vintage Margin Porcelain Isolation Liquid (pen) |

# VINTAGE Halo



Feldspathic porcelain with halo effect

This high-fusing porcelain system with natural light scattering and reflection (halo effect) was developed in cooperation with Makoto Yamamoto. A basic build-up, consisting of Opaque Dentin, Body and Opal Incisal, already provides natural-looking restorations without the use of special effect powders.

With a firing temperature of 910 °C for dentine firing Vintage Halo is ideal for combination with all standard and biocompatible alloys.



The use of Opal Enamel powders in the incisal area enables an efficient layering technique, reproducing the natural tooth structure with dentine and enamel materials.

## Indications

Compatibility with all standard alloys with CTE values of  $13.4$  to  $14.5 \times 10^{-6} \text{K}^{-1}$  ( $25^\circ \text{C}$  -  $500^\circ \text{C}$ )

## benefits

Natural fluorescence and opalescence even after several firings

Compatible with alloys containing up to 30 % silver

Efficient layering system by modified 2-layer-technique (Body / Opal Incisal)

Individual colour indicators for all components

High build-up stability

Low firing shrinkage



Natural teeth have a binary structure consisting of dentine and enamel. The dentine gives the tooth shade its hue and chroma. Its natural appearance is then the result of the interaction between light and colours.

## VINTAGE Halo - Single Components

| Shade                   | PN<br>15 g | PN<br>50 g |
|-------------------------|------------|------------|
| POWDER OPAQUE           |            |            |
| A10                     | 7101       | 7121       |
| A20                     | 7102       | 7122       |
| A30                     | 7103       | 7123       |
| A3.50                   | 7104       | 7124       |
| A40                     | 7105       | 7125       |
| RootA0                  | 7106       | 7126       |
| B10                     | 7107       | 7127       |
| B20                     | 7108       | 7128       |
| B30                     | 7109       | 7129       |
| B40                     | 7110       | 7130       |
| RootB0                  | 7111       | 7131       |
| C10                     | 7112       | 7132       |
| C20                     | 7113       | 7133       |
| C30                     | 7114       | 7134       |
| C40                     | 7115       | 7135       |
| RootC0                  | 7116       | 7136       |
| D20                     | 7117       | 7137       |
| D30                     | 7118       | 7138       |
| D40                     | 7119       | 7139       |
| WHITENING POWDER OPAQUE |            |            |
| W10                     | 7771       | 7776       |
| W20                     | 7772       | 7777       |
| W30                     | 7773       | 7778       |
| RED SHIFT POWDER OPAQUE |            |            |
| R10                     | 7411       | 7431       |
| R20                     | 7412       | 7432       |
| R30                     | 7413       | 7433       |
| R3.50                   | 7414       | 7434       |
| R40                     | 7415       | 7435       |
| POWDER OPAQUE EFFECT    |            |            |
| OM-G                    | 7371       | 7391       |
| OM-P                    | 7372       | 7392       |
| OM-O                    | 7373       | 7393       |
| OM-Br                   | 7374       | 7394       |
| OM-Y                    | 7375       | 7395       |
| OM-W                    | 7376       | 7396       |
| OM-S                    | 7377       | 7397       |

| Shade         | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|---------------|------------|------------|-------------|
| BODY          |            |            |             |
| A1B           | 7201       | 7221       | 7241        |
| A2B           | 7202       | 7222       | 7242        |
| A3B           | 7203       | 7223       | 7243        |
| A3.5B         | 7204       | 7224       | 7244        |
| A4B           | 7205       | 7225       | 7245        |
| RootAB        | 7206       | 7226       | 7246        |
| B1B           | 7207       | 7227       | 7247        |
| B2B           | 7208       | 7228       | 7248        |
| B3B           | 7209       | 7229       | 7249        |
| B4B           | 7210       | 7230       | 7250        |
| RootBB        | 7211       | 7231       | 7251        |
| C1B           | 7212       | 7232       | 7252        |
| C2B           | 7213       | 7233       | 7253        |
| C3B           | 7214       | 7234       | 7254        |
| C4B           | 7215       | 7235       | 7255        |
| RootCB        | 7216       | 7236       | 7256        |
| D2B           | 7217       | 7237       | 7257        |
| D3B           | 7218       | 7238       | 7258        |
| D4B           | 7219       | 7239       | 7259        |
| OPAQUE DENTIN |            |            |             |
| OD-A1         | 7711       | 7731       |             |
| OD-A2         | 7712       | 7732       |             |
| OD-A3         | 7713       | 7733       |             |
| OD-A3.5       | 7714       | 7734       |             |
| OD-A4         | 7715       | 7735       |             |
| OD-RootA      | 7716       | 7736       |             |
| OD-B1         | 7717       | 7737       |             |
| OD-B2         | 7718       | 7738       |             |
| OD-B3         | 7719       | 7739       |             |
| OD-B4         | 7720       | 7740       |             |
| OD-RootB      | 7721       | 7741       |             |
| OD-C1         | 7722       | 7742       |             |
| OD-C2         | 7723       | 7743       |             |
| OD-C3         | 7724       | 7744       |             |
| OD-C4         | 7725       | 7745       |             |
| OD-RootC      | 7726       | 7746       |             |
| OD-D2         | 7727       | 7747       |             |
| OD-D3         | 7728       | 7748       |             |
| OD-D4         | 7729       | 7749       |             |

| Shade    | PN<br>15 g |
|----------|------------|
| MARGIN   |            |
| A1M      | 7651       |
| A2M      | 7652       |
| A3M      | 7653       |
| A3.5M    | 7654       |
| A4M      | 7655       |
| RootAM   | 7656       |
| B1M      | 7657       |
| B2M      | 7658       |
| B3M      | 7659       |
| B4M      | 7660       |
| RootBM   | 7661       |
| C1M      | 7662       |
| C2M      | 7663       |
| C3M      | 7664       |
| C4M      | 7665       |
| RootCM   | 7666       |
| D2M      | 7667       |
| D3M      | 7668       |
| D4M      | 7669       |
| CPM      | 7670       |
| CPM Fine | 7671       |



| Shade                     | PN<br>15 g | PN<br>50 g | PN<br>200 g |
|---------------------------|------------|------------|-------------|
| COLOR EFFECT              |            |            |             |
| White                     | 7361       | 7381       |             |
| Orange                    | 7362       | 7382       |             |
| Brown                     | 7363       | 7383       |             |
| Red-Dark                  | 7364       | 7384       |             |
| Red-Light                 | 7365       | 7385       |             |
| MP                        | 7366       | 7386       |             |
| MY                        | 7367       | 7387       |             |
| BG                        | 7368       | 7388       |             |
| BT                        | 7369       | 7389       |             |
| YT                        | 7370       | 7390       |             |
| COLOR EFFECT - VALUE PLUS |            |            |             |
| VOP (Opaque)              | 7820       | 7840       |             |
| VDL (Diluent)             | 7821       | 7841       |             |
| OPAL INCISAL              |            |            |             |
| Opal 56                   | 7510       | 7541       |             |
| Opal 57                   | 7511       | 7521       | 7531        |
| Opal 58                   | 7512       | 7522       | 7532        |
| Opal 59                   | 7513       | 7523       | 7533        |
| Opal 60                   | 7514       | 7524       | 7534        |
| OPAL EFFECT               |            |            |             |
| Opal T                    | 7515       | 7525       | 7535        |
| Opal SL                   | 7516       | 7526       | 7536        |
| Opal Amber                | 7517       | 7527       | 7537        |
| Opal Occlusal             | 7518       | 7528       | 7538        |
| Opal White-E              | 7519       | 7529       | 7539        |
| Opal Milky                | 7520       | 7530       | 7540        |
| ENAMEL STANDARD           |            |            |             |
| 57                        | 7331       | 7341       | 7351        |
| 58                        | 7332       | 7342       | 7352        |
| 59                        | 7333       | 7343       | 7353        |
| 60                        | 7334       | 7344       | 7354        |
| T                         | 7335       | 7345       | 7355        |
| T-Glass                   | 7336       | 7346       | 7356        |

| Shade           | PN<br>15 g | PN<br>50 g |
|-----------------|------------|------------|
| WHITENING BODY  |            |            |
| W1B             | 7781       | 7786       |
| W2B             | 7782       | 7787       |
| W3B             | 7783       | 7788       |
| RED SHIFT BODY  |            |            |
| R1B             | 7417       | 7437       |
| R2B             | 7418       | 7438       |
| R3B             | 7419       | 7439       |
| R3.5B           | 7420       | 7440       |
| R4B             | 7421       | 7441       |
| VR1B            | 7423       | 7443       |
| VR2B            | 7424       | 7444       |
| VR3B            | 7425       | 7445       |
| VR3.5B          | 7426       | 7446       |
| VR4B            | 7427       | 7447       |
| VALUE PLUS BODY |            |            |
| VA1B            | 7811       | 7831       |
| VA2B            | 7812       | 7832       |
| VA3B            | 7813       | 7833       |
| VA3.5B          | 7814       | 7834       |
| VA4B            | 7815       | 7835       |
| VB1B            | 7816       | 7836       |
| VB2B            | 7817       | 7837       |
| VB3B            | 7818       | 7838       |
| VB4B            | 7819       | 7839       |
| CORRECTION      |            |            |
| Add-On T        | 7020       |            |
| Add-On B        | 7021       |            |

## VINTAGE Halo - Liquids

| PN   | Quantity | Product   |
|------|----------|---|
| 7010 | 50 ml    | Vintage Halo Opaque Liquid                      |
| 7011 | 500 ml   | Vintage Halo Opaque Liquid                      |
| 7012 | 50 ml    | Vintage Halo Opaque Liquid L                    |
| 7642 | 3 ml     | Vintage CPM Modelling Liquid                    |
| 8012 | 7 ml     | Vintage Margin Porcelain Isolation Liquid (pen) |
| 9611 | 50 ml    | Vintage Mixing Liquid                           |
| 9612 | 500 ml   | Vintage Mixing Liquid                           |
| 9613 | 50 ml    | Vintage Mixing Liquid HC                        |
| 9614 | 500 ml   | Vintage Mixing Liquid HC                        |
| 9615 | 50 ml    | Vintage Hardening Liquid                        |

# VINTAGE LD



## Lithium disilicate bonding porcelain for all-ceramic restorations

The low-fusing silicate glass ceramic was developed based on material science findings about bonding to pressed objects made of lithium disilicate. The system includes both classical body shades and various effect shades, plus translucent and opalescent incisal shades.

The combination of the powders offers unlimited options for the production of aesthetic restorations in the cut-back or layering technique.

Vintage LD is low-fusing and can be fired at about 760 °C.

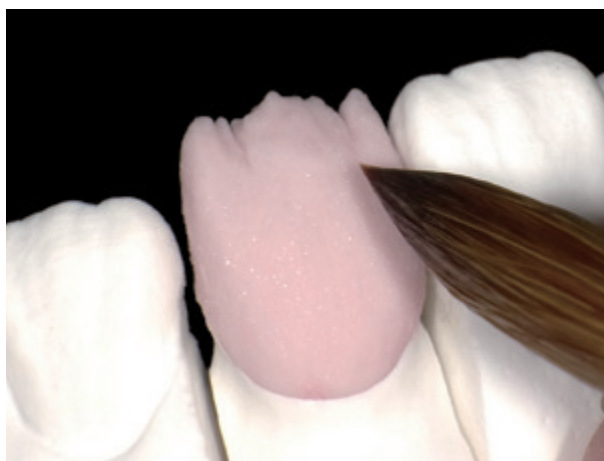
## benefits

Excellent colour match to natural teeth

Tooth-like abrasion properties

Based on the VITA® Classical shade system

Use of the staining, layering or cut-back technique



### Indications

Production of all-ceramic lithium disilicate restorations



| PN   | Quantity | Product                          |
|------|----------|----------------------------------|
| 8500 | 1 pc.    | Vintage LD Basic Set             |
| 8502 | 1 pc.    | Vintage LD Starter Set (A2 / A3) |
| 8503 | 1 pc.    | Vintage LD Enamel Effect Set     |
| 9613 | 50 ml    | Vintage Mixing Liquid HC         |
| 9614 | 500 ml   | Vintage Mixing Liquid HC         |

## VINTAGE LD - Sets and Single Components

Basic Set



### Basic Set

Contains all necessary components for restorations in the shades A1-A3.5, B2 and B3

#### Vintage LD

• 6x Body • 4x Opal Enamel • Opal Effect, 15 g each

#### Vintage Art LF

• 4 Stains, 3 g each • Glazing Paste, 5 g

• Vintage Art LF Stain Liquid, 50 ml • Vintage Mixing Liquid HC, 50 ml  
• instructions for use

### Starter Set

Contains all components for lithium disilicate restorations in the shades A2 and A3

#### Vintage LD

• 2x Body • 2x Opal Enamel • Opal Effect, 15 g each

#### Vintage LD Press

• 5 ingots (2x MT-A2, 2x MT-A3, 1x T-1), 3 g each

#### Vintage Art LF

• 2 Stains, 3 g each • Glazing Paste, 5 g

#### Ceravety Press & Cast

• 5x powder, 100 g each • liquid, 100 ml

• Vintage Art LF Stain Liquid, 50 ml • Vintage Mixing Liquid HC, 50 ml  
• instructions for use

### Enamel Effect Set

Incisal and translucent shades for an individual, natural light transmission in the incisal area

• Opal Enamel 56, 15 g • 9x Enamel Effect, 15 g each • instructions for use

| Shade | PN<br>15 g | PN<br>50 g |
|-------|------------|------------|
| BODY  |            |            |
| W3B   | 8587       | 8627       |
| A1B   | 8570       | 8610       |
| A2B   | 8571       | 8612       |
| A3B   | 8572       | 8613       |
| A3.5B | 8573       | 8614       |
| A4B   | 8574       | 8615       |
| B1B   | 8575       | 8616       |
| B2B   | 8576       | 8617       |
| B3B   | 8577       | 8618       |
| B4B   | 8578       | 8619       |
| C1B   | 8579       | 8620       |
| C2B   | 8580       | 8621       |
| C3B   | 8582       | 8622       |
| C4B   | 8583       | 8623       |
| D2B   | 8584       | 8624       |
| D3B   | 8585       | 8625       |
| D4B   | 8586       | 8626       |

| Shade         | PN<br>15 g | PN<br>50 g |
|---------------|------------|------------|
| OPAQUE DENTIN |            |            |
| OD-N          | 8562       |            |
| OD-A1         | 8550       |            |
| OD-A2         | 8552       |            |
| OD-A3         | 8553       |            |
| OD-A3.5       | 8554       |            |
| OD-A4         | 8555       |            |
| OD-B2         | 8556       |            |
| OD-B4         | 8557       |            |
| OD-C2         | 8558       |            |
| OD-C4         | 8559       |            |
| OD-D3         | 8560       |            |
| OPAL ENAMEL   |            |            |
| Opal 56       | 8590       | 8630       |
| Opal 57       | 8592       | 8631       |
| Opal 58       | 8593       | 8632       |
| Opal 59       | 8594       | 8633       |
| Opal 60       | 8595       | 8634       |
| OPAL EFFECT   |            |            |
| Opal T        | 8596       | 8635       |
| Opal SL       | 8597       | 8636       |

| Shade         | PN<br>15 g | PN<br>50 g |
|---------------|------------|------------|
| ENAMEL EFFECT |            |            |
| T             | 8606       | 8645       |
| BT            | 8599       | 8638       |
| PT            | 8600       | 8639       |
| GT            | 8602       | 8640       |
| YT            | 8603       | 8642       |
| OT            | 8604       | 8643       |
| AM-Y          | 8605       | 8644       |
| T-Glass       | 8598       | 8637       |
| GUM           |            |            |
| Gum-1         | 8650       |            |
| Gum-2         | 8652       |            |
| Gum-3         | 8653       |            |
| Gum-4         | 8654       |            |
| Gum-5         | 8655       |            |
| CORRECTION    |            |            |
| Add-On B      | 8660       |            |
| Add-On T      | 8662       |            |

# VINTAGE LD Press



## Ingots for the production of all-ceramic restorations

Vintage LD Press is a lithium disilicate glass ceramic in the form of ingots for pressing inlays, onlays, veneers, crowns and anterior bridges. The press ingots have a high mechanical strength and are available in four different translucencies:

- **T (Trans)**  
high translucency in three shades for producing smaller restorations like inlays, onlays and veneers in the staining technique
- **MT (Middle Trans)**  
middle translucency in all VITA\* Classical shades for the cut-back, layering or staining technique
- **LO (Low Opacity)**  
low opacity in five colours for customised abutments or slightly discoloured preparations
- **MO (Middle Opacity)**  
middle opacity in 3 shades for the production of frameworks for strongly discoloured preparations



### Indications

For pressing crowns, inlays, onlays, veneers and anterior bridges (up to three units without molars)

## benefits

Long-term stability due to high mechanical strength

Simple and efficient handling

Four different translucencies for natural aesthetics, regardless of the stump colour

Can be combined with Vintage LD layered porcelains and Vintage Art LF porcelain stains

| Shade            | PN<br>5 pcs. |
|------------------|--------------|
| VINTAGE LD PRESS |              |
| MT-W1            | 8527         |
| MT-W2            | 8528         |
| MT-W3            | 8529         |
| MT-A1            | 8510         |
| MT-A2            | 8511         |
| MT-A3            | 8512         |
| MT-A3.5          | 8513         |
| MT-A4            | 8514         |
| MT-B1            | 8515         |
| MT-B2            | 8516         |
| MT-B3            | 8517         |
| MT-B4            | 8518         |
| MT-C1            | 8519         |
| MT-C2            | 8520         |
| MT-C3            | 8522         |

| Shade            | PN.<br>5 pcs. |
|------------------|---------------|
| VINTAGE LD PRESS |               |
| MT-C4            | 8523          |
| MT-D2            | 8524          |
| MT-D3            | 8525          |
| MT-D4            | 8526          |
| T-1              | 8530          |
| T-2              | 8531          |
| T-3              | 8532          |
| L01              | 8533          |
| L02              | 8534          |
| L03              | 8535          |
| L04              | 8536          |
| L05              | 8537          |
| M01              | 8538          |
| M02              | 8539          |
| M03              | 8540          |



### Trial Kit

5 ingots in different shades and translucencies for getting started in the Vintage LD Press technique

- 5 ingots, 3 g each: 2x MT-A2, 2x MT-A3, 1x T-1

| PN        | Quantity | Product                         |
|-----------|----------|---------------------------------|
| 8542      | 1 pc.    | Vintage LD Press Trial Kit      |
| 8510-8540 | 1 pc.    | Vintage LD Press ingots, 5 pcs. |

# VINTAGE Prime Press



High-strength lithium disilicate glass ceramic for efficient use in staining, cut-back and layering techniques

Vintage Prime Press is the new high-strength lithium disilicate glass ceramic for the production of outstandingly aesthetic crowns, inlays, onlays, veneers and 3-unit anterior bridges. A new process (HDIL formula = High-Density Interlocking), creating an interlocked crystal structure in the glass matrix, gives Vintage Prime Press excellent strength values of up to 525 MPa. This structure counteracts crack propagation and improves chipping resistance.

## benefits

- Biaxial flexural strength of up to 525 MPa
- Reliable shade stability even after multiple firing
- High accuracy of fit, as there is almost no reaction layer after pressing
- Abrasion resistance and antagonist friendliness
- Four different translucencies
- Combinability with Vintage LD layered porcelains and Vintage Art Universal stains

- E (Enamel)**  
high, enamel-like light transmission
- HT (High Translucency)**  
moderate translucency for crowns and bridges
- LT (Low Translucency)**  
low translucency for slightly discoloured preparations
- HO (High Opacity)**  
high opacity for masking abutments and frameworks

| Shade               | PN<br>5 pcs. |
|---------------------|--------------|
| VINTAGE PRIME PRESS |              |
| E-1                 | P0811        |
| E-2                 | P0812        |
| E-A1                | P0813        |
| E-A2                | P0814        |
| E-BL3               | P0815        |
| E-BL4               | P0816        |
| HT-A1               | P0820        |
| HT-A2               | P0821        |
| HT-A3               | P0822        |
| HT-A3.5             | P0823        |
| HT-A4               | P0824        |
| HT-B1               | P0825        |
| HT-B2               | P0826        |
| HT-B3               | P0827        |
| HT-B4               | P0828        |
| HT-C1               | P0829        |
| HT-C2               | P0830        |
| HT-C3               | P0831        |
| HT-C4               | P0832        |
| HT-D2               | P0833        |
| HT-D3               | P0834        |
| HT-D4               | P0835        |
| HT-BL3              | P0836        |
| HT-BL4              | P0837        |

| Shade               | PN<br>5 pcs. |
|---------------------|--------------|
| VINTAGE PRIME PRESS |              |
| LT-A1               | P0840        |
| LT-A2               | P0841        |
| LT-A3               | P0842        |
| LT-A3.5             | P0843        |
| LT-A4               | P0844        |
| LT-B1               | P0845        |
| LT-B2               | P0846        |
| LT-B3               | P0847        |
| LT-B4               | P0848        |
| LT-C1               | P0849        |
| LT-C2               | P0850        |
| LT-C3               | P0851        |
| LT-C4               | P0852        |
| LT-D2               | P0853        |
| LT-D3               | P0854        |
| LT-D4               | P0855        |
| LT-BL3              | P0856        |
| LT-BL4              | P0857        |
| HO-1                | P0860        |



## Trial Kit

5 ingots in different shades and translucencies for getting started in the Vintage Prime Press technique

- 5 ingots, 3 g each: HT-A1, HT-A2, HT-BL4, LT-A1, LT-A2

| PN          | Quantity | Product                            |
|-------------|----------|------------------------------------|
| P0810       | 1 pc.    | Vintage Prime Press Trial Kit      |
| P0811-P0860 | 1 pc.    | Vintage Prime Press ingots, 5 pcs. |



# VINTAGE ZR ■ VINTAGE ZR Uni-Layer



Porcelain system for all available zirconia framework systems

Vintage ZR is a fine structured, leucite reinforced microporcelain specially designed for metal-free restorations. The natural feldspar-based structure guarantees a strong bond to all zirconia frameworks and aesthetic restorations featuring very high stability and strength.



Due to the light optical properties of Vintage ZR, the porcelain restorations appear natural and expressive.

## benefits

High-fusing Opaque Liners (960 °C) create a strong bond to the zirconia framework and are the shade basis of the restoration

Impressive aesthetics by natural translucency and opalescence

Excellent shade match to natural teeth and to the VITA\* Classical shade system

Extensive range of translucent incisal and effect powders

Low investment cost due to modular system

Constant CTE of about  $9.3 \times 10^{-6} \text{K}^{-1}$ , even after several firings

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## VINTAGE ZR Uni-Layer

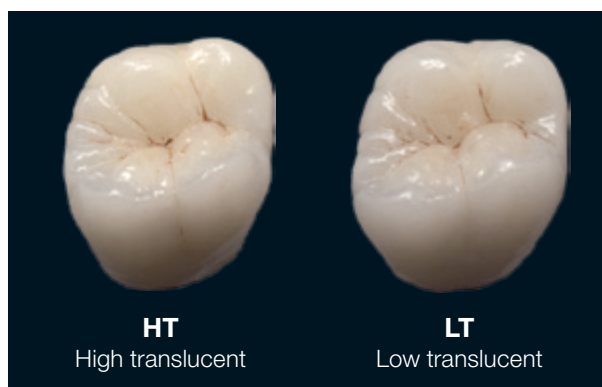
With ZR Uni-Layer porcelain, full-contour posterior and anterior restorations can be built up and fired in only one step.

Perfectly balancing light diffusion and chroma, this porcelain combines the optical characteristics of dentine and incisal powders in one material – for a harmonious shade progression and the illusion of depth.

- Quick and easy single-layer technique
- Simple correction options
- Easy shade matching with Vintage Art and Vintage Art Universal porcelain stains (p. 110-113)
- Can be combined with the opalescent and translucent materials of the Vintage ZR system depending on the demand and situation

## Indications

Veneering of all crown and bridge frameworks made of zirconia



Vintage ZR Uni-Layer allows users to create high or low-translucency restorations, as desired.

## VINTAGE ZR - Sets and Single Components



AB Set

### AB Set

Components for aesthetic all-ceramic restorations in the shades A1-A4, RootA and B1-B4

- 10x Opaque Liner, 5 g each • 10x Body, 15 g each
- 2x Cervical, 15 g each • 5x Opaque Dentin, 15 g each
- 4x Opal Enamel, 15 g each • Opal Effect, 15 g
- 2x correction porcelain (Add-On B/Add-On T), 15 g each
- Vintage AL / ZR Opaque Liner Liquid, 3 ml • Vintage Modelling Liquid, 50 ml
- colour table • instructions for use

### Enamel Effect Set

Opalescent and translucent incisal powders for individual effects in the incisal area

- 8x Opal Effect, 15 g each • 5x Enamel Effect, 15 g each
- 5x Cervical Translucent, 15 g each • colour table
- instructions for use

### Color Effect Set

For individual effects in dentine and cervical areas

- 3x Opaque Liner Effect, 5 g each • 8x Color Effect, 15 g each
- 2x Gum, 15 g each • colour table • instructions for use

| PN   | Quantity | Product                            |
|------|----------|------------------------------------|
| 9000 | 1 pc.    | Vintage ZR AB Set                  |
| 9003 | 1 pc.    | Vintage ZR Enamel Effect Set       |
| 9005 | 1 pc.    | Vintage ZR Color Effect Set        |
| 9247 | 1 pc.    | Vintage ZR Uni-Layer Set (A2 / A3) |
| 9241 | 50 g     | Vintage ZR Uni-Layer HT            |
| 9244 | 50 g     | Vintage ZR Uni-Layer LT            |



Uni-Layer Set

### Uni-Layer Set

Contains all components for aesthetic restorations in the shades A2 and A3

- Opaque Liner A20, 5 g • Opaque Liner A30, 5 g
- Vintage ZR Uni-Layer HT, 50 g • Vintage ZR Uni-Layer LT, 50 g
- Vintage AL / ZR Opaque Liner Liquid, 3 ml
- Vintage Mixing Liquid HC, 50 ml • step card • instructions for use

## VINTAGE ZR - Liquids

| PN   | Quantity | Product   |
|------|----------|---|
| 8011 | 3 ml     | Vintage AL/ZR Opaque Liner Liquid               |
| 9611 | 50 ml    | Vintage Mixing Liquid                           |
| 9612 | 500 ml   | Vintage Mixing Liquid                           |
| 9613 | 50 ml    | Vintage Mixing Liquid HC                        |
| 9614 | 500 ml   | Vintage Mixing Liquid HC                        |
| 9615 | 50 ml    | Vintage Margin Hardening Liquid                 |
| 7642 | 3 ml     | Vintage CPM Modelling Liquid                    |
| 8012 | 7 ml     | Vintage Margin Porcelain Isolation Liquid (pen) |



## VINTAGE ZR - Single Components

| Shade               | PN<br>5 g |
|---------------------|-----------|
| OPAQUE LINER        |           |
| W10                 | 9030      |
| W20                 | 9031      |
| W30                 | 9032      |
| A10                 | 9011      |
| A20                 | 9012      |
| A30                 | 9013      |
| A3.50               | 9014      |
| A40                 | 9015      |
| RootAO              | 9016      |
| B10                 | 9017      |
| B20                 | 9018      |
| B30                 | 9019      |
| B40                 | 9020      |
| C10                 | 9021      |
| C20                 | 9022      |
| C30                 | 9023      |
| C40                 | 9024      |
| D20                 | 9026      |
| D30                 | 9027      |
| D40                 | 9028      |
| OPAQUE LINER EFFECT |           |
| OM-Y                | 9034      |
| OM-LP               | 9035      |
| OM-DP               | 9036      |
| COLOR EFFECT        |           |
| MP                  | 9199      |
| MY                  | 9200      |
| Mlv                 | 9201      |
| R                   | 9202      |
| Y                   | 9203      |
| O                   | 9204      |
| G                   | 9205      |
| W                   | 9206      |
| GUM                 |           |
| Gum-R               | 9207      |
| Gum-P               | 9208      |
| Gum-LP              | 9209      |
| Gum-DP              | 9210      |
| Gum-V               | 9211      |
| Gum-Or              | 9212      |

| Shade         | PN<br>15 g | PN<br>50 g |
|---------------|------------|------------|
| MARGIN        |            |            |
| W1M           | 9218       |            |
| NM            | 9237       |            |
| A3M           | 9220       |            |
| RootAM        | 9222       |            |
| B2M           | 9224       |            |
| B4M           | 9226       |            |
| C2M           | 9229       |            |
| C4M           | 9231       |            |
| D3M           | 9233       |            |
| MARGIN EFFECT |            |            |
| CLM           | 9236       |            |
| LPM           | 9238       |            |
| CERVICAL      |            |            |
| AC            | 9173       | 9179       |
| BC            | 9174       | 9180       |
| CC            | 9175       | 9181       |
| DC            | 9176       | 9182       |
| BODY          |            |            |
| W1B           | 9097       | 9122       |
| W2B           | 9098       | 9123       |
| W3B           | 9099       | 9124       |
| A1B           | 9077       | 9102       |
| A2B           | 9078       | 9103       |
| A3B           | 9079       | 9104       |
| A3.5B         | 9080       | 9105       |
| A4B           | 9081       | 9106       |
| RootAB        | 9082       | 9107       |
| B1B           | 9083       | 9108       |
| B2B           | 9084       | 9109       |
| B3B           | 9085       | 9110       |
| B4B           | 9086       | 9111       |
| C1B           | 9088       | 9113       |
| C2B           | 9089       | 9114       |
| C3B           | 9090       | 9115       |
| C4B           | 9091       | 9116       |
| D2B           | 9093       | 9118       |
| D3B           | 9094       | 9119       |
| D4B           | 9095       | 9120       |
| D4B           | 9095       | 9120       |

| Shade                | PN<br>15 g | PN<br>50 g |
|----------------------|------------|------------|
| OPAQUE DENTIN        |            |            |
| OD-W1                | 9041       | 9060       |
| OD-N                 | 9039       | 9058       |
| OD-A3                | 9043       | 9062       |
| OD-RootA             | 9045       | 9064       |
| OD-B2                | 9047       | 9066       |
| OD-B4                | 9049       | 9068       |
| OD-C2                | 9051       | 9070       |
| OD-C4                | 9053       | 9072       |
| OD-D3                | 9055       | 9074       |
| OPAL ENAMEL          |            |            |
| Opal 56              | 9127       | 9143       |
| Opal 57              | 9128       | 9144       |
| Opal 58              | 9129       | 9145       |
| Opal 59              | 9130       | 9146       |
| Opal 60              | 9131       | 9147       |
| OPAL EFFECT          |            |            |
| Opal T               | 9133       | 9149       |
| Opal SL              | 9134       | 9150       |
| Opal WE              | 9135       | 9151       |
| Opal MI              | 9136       | 9152       |
| Opal OC              | 9137       | 9153       |
| Opal AM-R            | 9138       | 9154       |
| Opal AM-Y            | 9139       | 9155       |
| Opal AM-V            | 9140       | 9156       |
| ENAMEL EFFECT        |            |            |
| BT                   | 9159       | 9166       |
| OT                   | 9160       | 9167       |
| PT                   | 9161       | 9168       |
| GT                   | 9162       | 9169       |
| T-Glass              | 9163       | 9170       |
| CERVICAL TRANSLUCENT |            |            |
| CT-CL                | 9185       | 9192       |
| CT-W                 | 9186       | 9193       |
| CT-A                 | 9187       | 9194       |
| CT-B                 | 9188       | 9195       |
| CT-R                 | 9189       | 9196       |
| CORRECTION           |            |            |
| Add-On B             | 9213       |            |
| Add-On T             | 9214       |            |
| CPM Fine             | 9215       |            |

# VINTAGE Art Universal



Universal powder stains and glazes for monolithic restorations and layered ceramics

Vintage Art Universal stains and glazes give monolithic zirconia and lithium disilicate restorations depth for a lifelike appearance – only by staining, without any layering. The powders can be mixed with Vintage Art Universal Liquid to traditionally stain and glaze the surfaces of layered ceramic and other restorations (2D staining technique) – with or without fluorescence, depending on the substrate.



Stained and glazed monolithic zirconia restorations

7

Porcelain Stains

When mixed with Yamamoto "True-Colour Mixing Liquid", however, Vintage Art Universal stains and glazes show their real strength: Mixing with this special liquid creates the illusion of spatial depth on a monolithic material (3D staining technique). What is more: Thanks to the glass-like light refraction index of Yamamoto Liquid, users can already see the final colour and translucency during mixing and application – before the restoration is fired.

## Indications

- For traditional staining and glazing of layered ceramic restorations (2D staining technique)
- For the creation of 3D effects on monolithic restorations (3D staining technique)
- For all low-fusing layered ceramics, monolithic and veneered zirconia, pressed ceramic frameworks, metal-ceramics and porcelain teeth
- For producing or processing full or reduced-contour monolithic restorations made by CAD/CAM
- Usable irrespective of CTE, at firing temperatures of 730 to 850 °C
- Well-matched to SHOFU's layered, pressed and CAD/CAM ceramics

## benefits

- Fine and dense powder stains for vibrant colours and good opacity
- Fluorescent and non-fluorescent glazes
- Excellent surface adaptation
- Well-matched to lithium disilicate and zirconia
- Low firing temperature 730 °C

## Shades

### ■ Base Color Stains

9 primary, secondary and achromatic colours for basic shade adjustment and characterisation

### ■ Color Stains

12 effect powders, producing the desired shade without any complicated mixing and helping to create lifelike restorations in a wide variety of cases.

### ■ Shade Stains

6 powder stains for adjusting the intensity (chroma) of each shade group

## VINTAGE Art Universal - Sets and Single Components



### Basic Color Set

For traditional staining and glazing of layered ceramic restorations

- 16 powder stains, 2 g each: Pink, Violet, Yellow, Green, Blue, Blue Gray, Orange, Orange Brown, Dark Red Brown, White, Black, Khaki, A shade, B shade, C shade, D shade
- Glazing Powder GP-F, 15 g
- Vintage Art Universal Liquid, 50 ml
- Color table • Advanced product information

| Shade             | PN<br>2 g |
|-------------------|-----------|
| BASE COLOR STAINS |           |
| P (Pink)          | P0696     |
| V (Violet)        | P0697     |
| Y (Yellow)        | P0699     |
| G (Gray)          | P0701     |
| Bl (Blue)         | P0702     |
| O (Orange)        | P0704     |
| W (White)         | P0712     |
| B (Black)         | P0714     |
| Gr (Green)        | P0715     |

| Shade                  | PN<br>2 g |
|------------------------|-----------|
| COLOR STAINS           |           |
| DR (Deep Red)          | P0698     |
| LY (Light Yellow)      | P0700     |
| Bl-G (Blue Gray)       | P0703     |
| O-Br (Orange Brown)    | P0705     |
| MP (Mamelon Pink)      | P0706     |
| Mlv (Mamelon Ivory)    | P0707     |
| LO (Light Orange)      | P0708     |
| DR-Br (Dark Red Brown) | P0709     |
| Br (Brown)             | P0710     |
| B-Br (Black Brown)     | P0711     |
| Vn (Vanilla)           | P0713     |
| K (Khaki)              | P0722     |

| Shade            | PN<br>2 g |
|------------------|-----------|
| SHADE STAINS     |           |
| AS (A shade)     | P0716     |
| BS (B shade)     | P0717     |
| CS (C shade)     | P0718     |
| DS (D shade)     | P0719     |
| RS (R shade)     | P0720     |
| LS (Light shade) | P0721     |



| PN          | Quantity | Product   |
|-------------|----------|---|
| P0723       | 1 pc.    | Vintage Art Universal Basic Color Set               |
| P0691       | 15 g     | Vintage Art Universal Glazing Powder GP             |
| P0692       | 50 g     | Vintage Art Universal Glazing Powder GP             |
| P0693       | 15 g     | Vintage Art Universal Glazing Powder GP-F           |
| P0694       | 50 g     | Vintage Art Universal Glazing Powder GP-F           |
| P0695       | 50 ml    | Vintage Art Universal Liquid                        |
| P1695       | 50 ml    | Vintage Art Universal Yamamoto Liquid, with pipette |
| P0696-P0722 | 2 g      | Vintage Art individual shades                       |

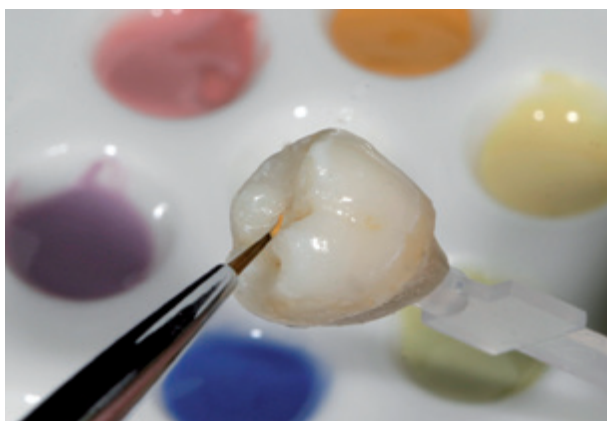
# VINTAGE Art



## Fluorescent porcelain stains

The ready-to-use Vintage Art paste stains feature a user-friendly consistency, excellent application properties and outstanding opacity thanks to their microfine particle structure.

The stains are recommended for the internal and external shade modification of all high-fusing metal porcelains. They can also be applied to all high-fusing metal-free ceramic restorations with zirconia and alumina frameworks, CAD/CAM porcelain blocks, press porcelains and ceramic teeth.



## benefits

- Compatible with all high-fusing porcelains
- Easy to use paste stains
- Wide variety of intensive and effect shades
- Fluorescent glazing paste

### Indications

- Pressed all-ceramic restorations**  
Veneers, inlays/onlays, crowns/bridges
- CAD/CAM all-ceramic restorations**  
Feldspathic blanks, alumina and zirconia blanks
- Metal-free and metal-bonded porcelains**  
CTE range of 6.0 to 16.0 x 10<sup>-6</sup>K<sup>-1</sup>, firing temperature approx. 880 °C

### Shades

- Base Color Stains**  
9 primary and secondary shades as well as achromatic colours for the adjustment of the value
- Color Stains**  
12 effect shades for the adjustment of all individual shades
- Shade Stains / Foundation Shade Stains**  
10 shades for surface staining of the tooth shades according to the shade group of the shade guide



## VINTAGE Art - Sets and Single Components



### Basic Color Set

All classical primary and secondary shades as well as shade stains for the natural colour reproduction of all restorations

- 16 shades, 3 g each: Pink, Yellow, Blue, Orange, Violet, Green, Black, White, Dark Red Brown, Orange Brown, Khaki, A-Shade, B-Shade, C-Shade, D-Shade, R-Shade
- Glazing Paste, 3 g • Vintage Art Stain Liquid, 50 ml • colour table
- instructions for use

### Effect Color Set

Individual shades and Foundation Shade Stains for the reproduction of any tooth characteristics

- 15 shades, 3 g each: Gray, Blue Gray, Corn Yellow, Brown, Black Brown, Mamelon Pink, Mamelon Ivory, Rose Pink, Wine Red, Pink Orange, Foundation A-Shade, Foundation B-Shade, Foundation C-Shade, Foundation D-Shade, Foundation R-Shade
- Glazing Paste, 3 g • Vintage Art Stain Liquid, 50 ml • 1 colour table
- instructions for use

| PN        | Quantity | Product                       |
|-----------|----------|-------------------------------|
| 6510      | 1 pc.    | Vintage Art Basic Color Set   |
| 6511      | 1 pc.    | Vintage Art Effect Color Set  |
| 6513      | 50 ml    | Vintage Art Stain Liquid      |
| 6514      | 3 g      | Glazing Paste                 |
| 6515-6545 | 3 g      | Vintage Art individual shades |

| Shade             | PN<br>3 g |
|-------------------|-----------|
| BASE COLOR STAINS |           |
| P (Pink)          | 6515      |
| Y (Yellow)        | 6516      |
| Bl (Blue)         | 6517      |
| O (Orange)        | 6518      |
| V (Violet)        | 6519      |
| Gr (Green)        | 6520      |
| B (Black)         | 6521      |
| W (White)         | 6522      |
| G (Gray)          | 6531      |

| Shade                  | PN<br>3 g |
|------------------------|-----------|
| COLOR STAINS           |           |
| DR-Br (Dark Red Brown) | 6523      |
| O-Br (Orange Brown)    | 6524      |
| Br (Brown)             | 6534      |
| B-Br (Black Brown)     | 6535      |
| K (Khaki)              | 6525      |
| Bl-G (Blue Gray)       | 6532      |
| CY (Corn Yellow)       | 6533      |
| MP (Mamelon Pink)      | 6536      |
| Mlv (Mamelon Ivory)    | 6537      |
| RP (Rose Pink)         | 6538      |
| WR (Wine Red)          | 6539      |
| P-O (Pink Orange)      | 6540      |

| Shade                     | PN<br>3 g |
|---------------------------|-----------|
| SHADE STAINS              |           |
| AS (A-Shade)              | 6526      |
| BS (B-Shade)              | 6527      |
| CS (C-Shade)              | 6528      |
| DS (D-Shade)              | 6529      |
| RS (R-Shade)              | 6530      |
| F-AS (Foundation A-Shade) | 6541      |
| F-BS (Foundation B-Shade) | 6542      |
| F-CS (Foundation C-Shade) | 6543      |
| F-DS (Foundation D-Shade) | 6544      |
| F-RS (Foundation R-Shade) | 6545      |

# VINTAGE Art LF



## Low-fusing fluorescent porcelain stains

The ready-to-use silicate glass-based Vintage Art LF paste stains offer excellent handling and application properties as well as outstanding opacity thanks to their ultrafine particle structure. They are available in a wide variety of nuances and give various porcelains a natural shade appearance and individual characteristics by internal or external staining.



### Indications

Different porcelains, like lithium disilicate, pressed ceramics, restorations based on zirconia or alumina, CAD/CAM blocks and metal porcelains (firing temperature approx. 770 °C)

### Stains

Primary, Secondary and Shade Stains

| Shade             | PN<br>3 g |
|-------------------|-----------|
| BASE COLOR STAINS |           |
| P (Pink)          | 8671      |
| Y (Yellow)        | 8672      |
| Bl (Blue)         | 8673      |
| O (Orange)        | 8674      |
| V (Violet)        | 8675      |
| Gr (Green)        | 8676      |
| B (Black)         | 8677      |
| W (White)         | 8678      |
| G (Gray)          | 8683      |
| SHADE STAINS      |           |
| AS (A-Shade)      | 8690      |
| BS (B-Shade)      | 8691      |
| CS (C-Shade)      | 8692      |
| DS (D-Shade)      | 8693      |

| Shade                  | PN<br>3 g |
|------------------------|-----------|
| COLOR STAINS           |           |
| DR-Br (Dark-Red Brown) | 8679      |
| O-Br (Orange-Brown)    | 8680      |
| K (Khaki)              | 8682      |
| Bl-G (Blue-Gray)       | 8684      |
| CY (Corn-Yellow)       | 8685      |
| Br (Brown)             | 8686      |
| B-Br (Black-Brown)     | 8687      |
| RP (Rose-Pink)         | 8688      |
| WR (Wine-Red)          | 8689      |
| Vn (Vanilla)           | 8694      |

## benefits

Compatible with all standard porcelains

Easy handling

Effortless application in thin layers

Adjusted to fluorescence of natural teeth

### Effect Set

Individual shades and Shade Stains for the reproduction of any tooth characteristic

- 17 shades, 3 g each: Pink, Rose-Pink, Corn-Yellow, Blue-Gray, Gray, Orange, Violet, Wine-Red, Vanilla, White, Orange-Brown, Black-Brown, Khaki, A-Shade, B-Shade, C-Shade, D-Shade
- Glazing Paste, 5 g • Vintage Art LF Stain Liquid, 50 ml
- colour table • instructions for use

| PN        | Quantity | Product                          |
|-----------|----------|----------------------------------|
| 8504      | 1 pc.    | Vintage Art LF Effect Set        |
| 8670      | 5 g      | Vintage Art LF Glazing Paste     |
| 8671-8694 | 3 g      | Vintage Art LF individual shades |
| 8695      | 50 ml    | Vintage Art LF Stain Liquid      |

# Ceravety Press & Cast



Universal speed investment for pressable ceramics and cast alloys

Ceravety Press & Cast creates very smooth surfaces with consistent accuracy of fit. Furthermore the pressed or cast objects can be divested gently and stress free – even when walls are thin. When using the press-over technique, metal, zirconia or porcelain workpieces are just embedded as well. Ceravety Press & Cast has been proven to produce only very thin reaction layers with lithium disilicate ceramics.



Besides the speed investment this graphite free investment material can also be heated conventionally. As the expansion can be very well controlled, ideal adjustment to the press and cast objects is possible.



## benefits

- For all press ingots (high and low-fusing)
- Very thin reaction layer with lithium disilicate
- Excellent adjustment to nonprecious and precious alloys
- Smooth object surfaces
- Easy and quick divesting
- Outstanding expansion control
- Graphite-free
- Long working time

### Indications

- Speed investment for pressing / press-over and casting procedures
- Also suitable for conventional heating

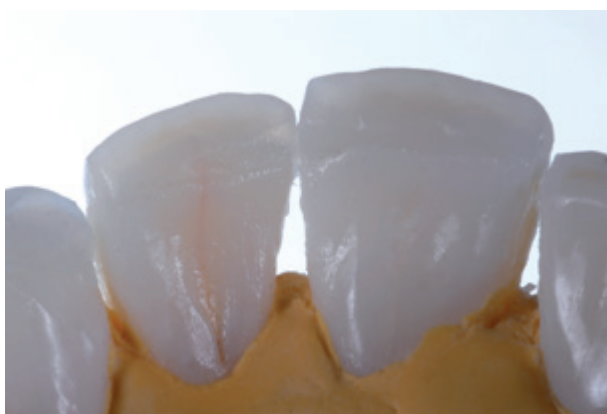


| PN   | Quantity | Product                              |
|------|----------|--------------------------------------|
| 6966 | 12 kg    | Ceravety powder (120 x 100 g bags)   |
| 6968 | 3 kg     | Ceravety powder (30 x 100 g bags)    |
| 6967 | 2,000 ml | Ceravety liquid (with measuring cup) |
| 6969 | 300 ml   | Ceravety liquid (with measuring cup) |

# Lamina Vest II



Phosphate-bonded investment for minimally invasive porcelain techniques



Lamina Vest II is a phosphate-bonded investment for the production of refractory dies. Developed for the fabrication of porcelain inlays, veneers and crowns in the sintering technique, Lamina Vest II offers high strength and edge stability.

## benefits

Suitable for Vintage PRO, Vintage MP, Vintage Halo and Vintage ZR

Excellent fit of the porcelain restorations

Smooth surfaces

High strength and edge stability

High dimensional stability, even after repeated firings

Easy divesting

### Indications

For all porcelains with a CTE range of  $9.5$  to  $12.5 \times 10^{-6} \text{K}^{-1}$  ( $25^\circ \text{C}$  -  $500^\circ \text{C}$ )

| PN   | Quantity | Product                                    |
|------|----------|--|
| 6977 | 1.2 kg   | Lamina Vest II powder (40 x 30 g bags)     |
| 6978 | 200 ml   | Lamina Vest II liquid (with measuring cup) |
| 6972 | 2 pcs.   | Refractory marker                          |





# Porcelain Brushes

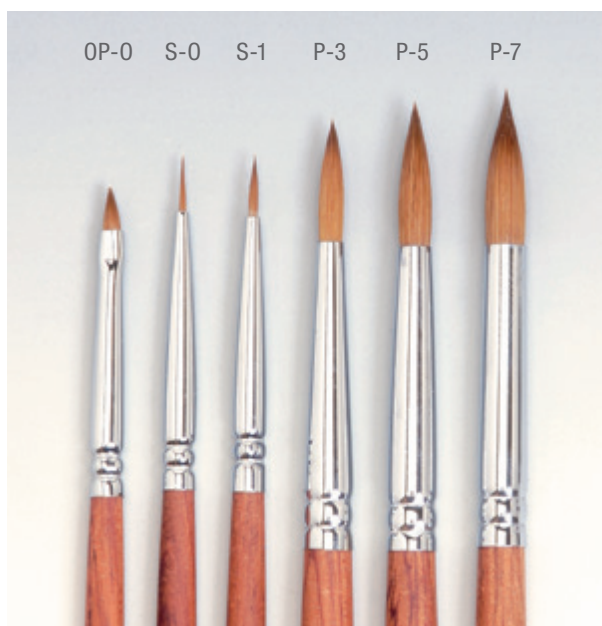
Long-lasting natural hair and synthetic porcelain brushes with pleasant handling properties

The use of high-quality porcelain brushes is basic to a precise and time-saving build-up of natural tooth shapes. SHOFU natural-hair brushes feature fine, shape-retentive tips and a continuous release of moisture.

The synthetic porcelain brush no. 5, made of very fine nylon bristles, has proved itself as an “all-round brush” for any application in porcelain layering. It maintains these properties even when using mixing liquids that contain glycerin.



The natural-hair brush A7 (A = animal hair) is ideal for the application of larger quantities of porcelain and the creation of delicate details.



The [Porcelain Brush Set](#) contains an assortment of 6 natural-hair brushes for all porcelain applications:

- **OP-0** Flat natural-hair brush for an efficient application of paste opaque and opaque liners
- **S-0** Fine liner for staining, designed to create very fine natural colour accents
- **S-1** Ideal for the characterisation of pressed or milled porcelain objects
- **P-3** All-round brush for daily use
- **P-5** Classic porcelain brush for all requirements
- **P-7** Big Brush design with a fine tip

| PN   | Quantity | Product                     |
|------|----------|-----------------------------|
| 6985 | 1 pc.    | Porcelain Brush Set         |
| 6986 | 1 pc.    | Porcelain Brush OP-0        |
| 6988 | 1 pc.    | Porcelain Brush S-0         |
| 6989 | 1 pc.    | Porcelain Brush S-1         |
| 6991 | 1 pc.    | Porcelain Brush P-3         |
| 6992 | 1 pc.    | Porcelain Brush P-5         |
| 6993 | 1 pc.    | Porcelain Brush P-7         |
| 7191 | 1 pc.    | Brush No. 5 (nylon)         |
| 7192 | 1 pc.    | Brush No. A7 (natural hair) |





|                      |           |
|----------------------|-----------|
| General Information  | 120 - 121 |
| Opaque               | 122       |
| Veneering Composites | 123 - 127 |
| Paste Stains         | 128 - 129 |



## INDIRECT RESTORATIONS - VENEERING COMPOSITES

# Light-cured veneering composites

Light-cured veneering composites should be characterised by aesthetic appearance, easy handling and polishability, high abrasion resistance and flexural strength, and virtually unlimited use. SHOFU has designed three unique hybrid composite systems – Solidex, Ceramage and Ceramage UP – offering dental technicians optimum handling, aesthetic and mechanical properties for ease of use without any restrictions.

As an innovative manufacturer, always seeking to meet the wishes and needs of dental technicians, SHOFU has developed outstanding veneering composite systems for more than 25 years.

All three composite systems are ideal combinations of modern science, long-term experience and impressive aesthetics, supported by an efficient layering concept with materials perfectly matched to each other.



## **SOLIDEX – the first alternative to porcelain veneering**

In 1993, SHOFU launched Solidex, the first hybrid composite with a ceramic filler load of 53 % – a milestone in dental technology, since it was the first material of its kind to meet all requirements, thanks to its unique aesthetics, durability and efficiency.

The most remarkable features of this light-curing composite are its easy and efficient handling and its high colour stability. Even after more than 25 years, Solidex is still as excellent as ever.

## **CERAMAGE – aesthetic and durable as porcelain**

In 2004, SHOFU's brilliant researchers and developers set a new, ground-breaking standard in dental technology with Ceramage. This light-cured, ceramic-based veneering composite with a filler load of over 73 % was the first material to combine very natural light transmission and shade reproduction with exceptional flexural strength (146 MPa).

Ceramage is the material that dental technicians really need: It withstands high stress and can be used for all anterior and posterior restorations.



## **CERAMAGE UP – highly durable, yet flowable and stackable**

In 2015, SHOFU launched Ceramage UP to meet the need for a flowable, yet highly durable microhybrid composite suitable for free build-up. This high-performance restorative with a homogeneously compacted ultrafine particle structure and a flexural strength of 140 MPa is based on the proven Ceramage technology, which combines all the benefits of modern ceramics and composites.

The ready-to-use materials can be freely layered and sculpted (with a probe or a brush, directly after dispensing) and also mixed with each other just like porcelain shades. Besides, this light-cured veneering composite system is perfect for metal-free permanent inlays, onlays or crowns, thanks to its high abrasion resistance.



## Colour codes

|      |                              |
|------|------------------------------|
| AM   | Amber                        |
| BG   | Blue Glass                   |
| Br   | Brown                        |
| BT   | Blue Translucent             |
| CT-A | Cervical Trans, for A shades |
| CT-B | Cervical Trans, for B shades |
| CT-R | Cervical Trans, for R shades |
| D    | Dark                         |
| DP   | Dark Pink                    |
| GT   | Gray Translucent             |
| HVT  | High-Value Translucent       |
| LVT  | Low-Value Translucent        |
| L    | Light                        |
| LP   | Light Pink                   |
| MI   | Milky                        |
| MP   | Mamelon Pink                 |
| MY   | Mamelon Yellow               |
| OC   | Occlusal                     |
| Or   | Orange                       |
| P    | Pink                         |
| R    | Red                          |
| T    | Translucent                  |
| V    | Violet                       |
| Vp   | Value Plus                   |
| Vr   | Value Reduced                |
| W    | White                        |
| WE   | White Enamel                 |
| Y    | Yellow                       |

## Optimal combinations with the Ceramage UP, Ceramage and Solidex hybrid composite systems

### Reliable bonding

SHOFU Universal Primer and the Ceraresin Bond (CRB) system create reliable bonds to all dental alloys, as well as ceramic and hybrid-ceramic framework materials.

### Systematic composite finishing and polishing

- The Ceramage UP, Ceramage and Solidex hybrid composite systems can be systematically finished and polished with the well-matched rotary instruments of our Ceramage Finishing & Polishing Kit.
- This is followed by prepolishing with Dura-Polish, our highly filled alumina polishing paste.
- And finally, Dura-Polish DIA, our highly filled diamond polishing paste, can be used to polish all anatomical details to a high gloss.



### Ceramage Stand UP

Convenient, high-quality stainless-steel stand with teflon holders for 6 Ceramage UP dispenser syringes. The materials are neatly arranged for quick access and an efficient workflow.

## ACCESSORIES

| PN                     | Quantity | Product  |
|------------------------|----------|--|
| GENERAL                |          |  |
| 1592                   | 1 pc.    | Light shield cover   |
| 1593                   | 1 pc.    | Spatula  |
| 1594                   | 10 pcs.  | Dispo dish   |
| 1206                   | 2 pcs.   | Paper pad, 50 sheets each  |
| 2402                   | 2 pcs.   | Pro-Pad mixing pad, 30 sheets each   |
| 1585                   | 1 pc.    | Uni Brush No. 2  |
| 1586                   | 1 pc.    | Uni Brush No. 4 *  |
| 1988                   | 1 pc.    | Uni Brush No. 5 *  |
| 0552                   | 20 g     | Dura-Polish polishing paste (s. page 44)   |
| 0554                   | 5 g      | Dura-Polish DIA polishing paste (s. page 44)                                       |
| Y0060                  | 5 ml     | SHOFU Universal Primer (s. page 69)  |
| 1741                   | 1 pc.    | CRB - Ceraresin Bond (s. page 68)  |
| 9623                   | 1 pc.    | Vintage Whitening Shade Guide  |
| CERAMAGE / CERAMAGE UP |          |  |
| 1900                   | 1 pc.    | Ceramage Stand UP  |
| 1991                   | 6 ml     | Ceramage Modelling Liquid  |
| 1993                   | 7 ml     | Ceramage Separator (Sep)   |
| 1994                   | 7 ml     | Ceramage Spacer  |
| 0333                   | 1 pc.    | Ceramage Finishing & Polishing Kit (s. page 41)                                    |
| 2401                   | 1 pc.    | Ceramage UP grip for syringe (dispenser)   |
| 2403                   | 10 g     | Universal Oxy-Barrier  |
| 2405                   | 50 pcs.  | Tips with caps   |
| SOLIDEX                |          |  |
| 1584                   | 5 ml     | Solibond   |
| 1587                   | 1 pc.    | <b>Retention Beads Set</b><br>Micro retention beads 15 g,<br>Adhesive liquid 10 ml |
| 1588                   | 15 g     | Micro retention beads ø 150 µm   |
| 1589                   | 10 ml    | Retention adhesive liquid  |
| 1590                   | 1 pc.    | Pen, containing 1 g micro retention beads  |

\* Uni Brush No. 4 / No. 5 contain 1 handle and 10 brush tips each

# SHOFU Universal Opaque



Light-cured paste opaques for Ceramage UP, Ceramage and Solidex

The light-cured paste opaques of the SHOFU Universal Opaque system offer excellent masking properties and bond strengths to all commonly used dental alloys, due to optimised microfillers. The thixotropic properties make the pastes soft and flowable, they are applied very easily and quickly.



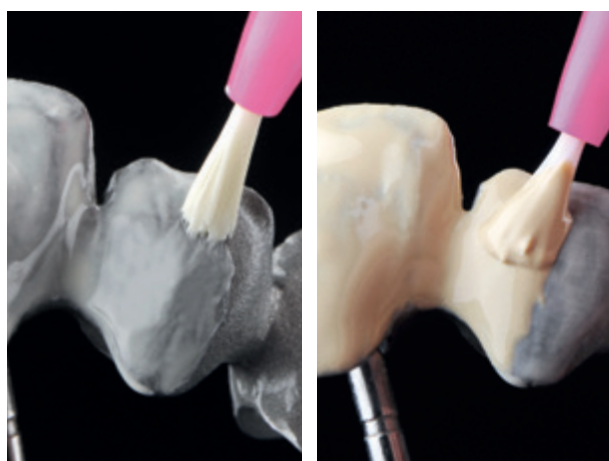
## benefits

- Universal use
- Easy and quick application
- Excellent masking properties
- Durable bond

This ready-to-use opaque system, consisting of one Pre-Opaque and 31 Opaque shades, can be used as a base for the reproduction of any shade of the Ceramage UP, Ceramage and Solidex composite systems.

### Indications

Masking of frameworks made of precious and non-precious alloys



Application of SHOFU Universal Pre-Opaque (left) and SHOFU Universal Opaque (right)

| Shade            | PN<br>2 ml |
|------------------|------------|
| UNIVERSAL OPAQUE |            |
| Pre-Opaque       | 2111       |
| W0               | 2100       |
| W20              | 2101       |
| W30              | 2102       |
| A10              | 2080       |
| A20              | 2081       |
| A30              | 2082       |
| A3.50            | 2083       |
| A40              | 2084       |
| B10              | 2085       |
| B20              | 2086       |
| B30              | 2087       |
| B40              | 2088       |
| C10              | 2089       |
| C20              | 2090       |
| C30              | 2091       |

| Shade            | PN<br>2 ml |
|------------------|------------|
| UNIVERSAL OPAQUE |            |
| C40              | 2092       |
| D20              | 2093       |
| D30              | 2094       |
| D40              | 2095       |
| rootA0           | 2096       |
| R20              | 2097       |
| R30              | 2098       |
| R3.50            | 2099       |
| GUM-0            | 2103       |
| BGO (Blue Grey)  | 2104       |
| G0 (Grey)        | 2105       |
| M0 (Margin)      | 2106       |
| In0 (Incisal)    | 2107       |
| Vp0              | 2108       |
| Vr0              | 2109       |
| P0               | 2110       |

| PN        | Quantity | Product                    |
|-----------|----------|----------------------------|
| 2080-2111 | 2 ml     | Universal Opaque - syringe |

# CERAMAGE UP



Flowable, light-cured microhybrid composite for free build-up

This high-tech material combines all positive properties of porcelain and composite. The coordinated layering concept with opalescent incisal and translucent compounds and their light optical properties imitating natural teeth enable aesthetic restorations that exhibit brilliance in all lighting conditions.

The ceramic filled matrix and the homogeneously compacted ultrafine particle structure guarantee superior wear resistance, flexural strength and colour stability.



## benefits

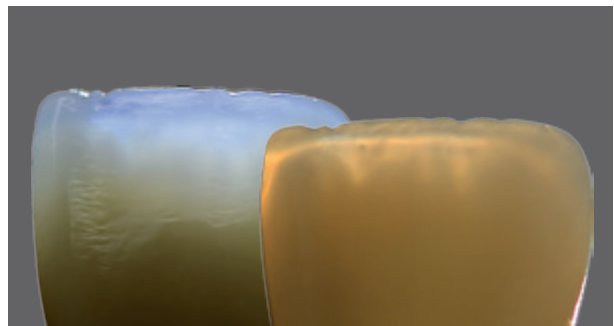
- Virtually unlimited variety of indications
- Simple reproduction of all shades of the VITA\* Classical shade system
- Natural aesthetics and opalescence
- Excellent strength and abrasion properties
- Outstanding polishability and surface density
- Plaque resistance and shade stability

### Indications

- Fully veneered crowns, bridges, telescopic and implant superstructures
- Attachment works
- Occlusal veneering
- Inlays / onlays and veneers
- Long-term temporaries
- Characterisation of denture teeth

The ready-to-use thixotropic compounds enable a free build-up of tooth shapes directly from the dispenser, with an instrument or a brush.

The individual materials are both flowable and stackable, easy to sculpt, contour and polish, and mixable with each other – for unlimited customisation options.



## CERAMAGE UP - Sets and Single Components



### 8 Color Set

Basic assortment for restorations in the shades A1-A4, B2, B3 and C2

- Universal Pre-Opaque, 2 ml • 9x Universal Opaque, 2 ml each
- 4x Cervical, 5 g each • 8x Opaque Dentin, 5 g each • 8x Body, 5 g each
- 4x Incisal, 5 g each • 4x Translucent, 5 g each • Color Effect (Concentrate), 5 g
- Universal Oxy-Barrier, 10 g • Ceramage Finishing & Polishing Kit
- Dura-Polish, 20 g • Dura-Polish DIA, 5 g • Uni Brush No. 5
- 10 Dispo dishes • Pro-Pad mixing pad • light shield cover
- 30 tips and caps • 5 grips for syringes (dispenser) • colour table
- Advanced product information

### 2 Color Set

Efficient starter kit for into the Ceramage UP technique for restorations in the shades A2 and A3

- Universal Pre-Opaque, 2 ml • 2x Universal Opaque, 2 ml each
- Cervical, 5 g • 2x Body, 5 g each • 2x Incisal, 5 g each • Translucent, 5 g
- Universal Oxy-Barrier, 10 g • Dura-Polish, 20 g • Dura-Polish DIA, 5 g
- Uni Brush No. 5 • 10 Dispo dishes • Pro-Pad mixing pad
- light shield cover • 10 tips and caps • 2 grips for syringes (dispenser)
- colour table • Advanced product information

| PN        | Quantity | Product                    |
|-----------|----------|----------------------------|
| 2305      | 1 pc.    | Ceramage UP 8 Color Set*   |
| 2306      | 1 pc.    | Ceramage UP 2 Color Set*   |
| 2311-2400 | 1 pc.    | Ceramage UP - syringe, 5 g |

\* Note: Please order SHOFU Universal Primer (S. 69) additionally.

## info

When using Ceramage / Ceramage UP:  
Please first apply Pre-Opaque and Opaque of the SHOFU Universal Opaque System (p. 122).  
More information on SHOFU bonding systems and „Systematic composite finishing and polishing“ on p. 121.

| Shade         | PN<br>5 g |
|---------------|-----------|
| BODY          |           |
| W0B           | 2331      |
| W1B           | 2332      |
| W2B           | 2333      |
| W3B           | 2334      |
| A1B           | 2335      |
| A2B           | 2336      |
| A3B           | 2337      |
| A3.5B         | 2338      |
| A4B           | 2339      |
| rootAB        | 2340      |
| B1B           | 2341      |
| B2B           | 2342      |
| B3B           | 2343      |
| B4B           | 2344      |
| C1B           | 2345      |
| C2B           | 2346      |
| C3B           | 2347      |
| C4B           | 2348      |
| D2B           | 2349      |
| D3B           | 2350      |
| D4B           | 2351      |
| OPAQUE DENTIN |           |
| ODA1          | 2311      |
| ODA2          | 2312      |
| ODA3          | 2313      |
| ODA3.5        | 2314      |
| ODA4          | 2315      |
| ODrootA       | 2316      |
| ODB1          | 2317      |
| ODB2          | 2318      |
| ODB3          | 2319      |
| ODB4          | 2320      |
| ODC1          | 2321      |
| ODC2          | 2322      |
| ODC3          | 2323      |
| ODC4          | 2324      |
| ODD2          | 2325      |
| ODD3          | 2326      |
| ODD4          | 2327      |

| Shade        | PN<br>5 g |
|--------------|-----------|
| CERVICAL     |           |
| AC1          | 2381      |
| AC2          | 2382      |
| BC1          | 2383      |
| BC2          | 2384      |
| CC1          | 2385      |
| CC2          | 2386      |
| DC1          | 2387      |
| DC2          | 2388      |
| INCISAL      |           |
| 56           | 2355      |
| 57           | 2356      |
| 58           | 2357      |
| 59           | 2358      |
| 60           | 2359      |
| TRANSLUCENT  |           |
| T            | 2361      |
| HVT          | 2362      |
| LV           | 2363      |
| T-Glass      | 2364      |
| BG           | 2365      |
| GT           | 2366      |
| CT-A         | 2367      |
| CT-B         | 2368      |
| COLOR EFFECT |           |
| MY           | 2371      |
| WE           | 2372      |
| OC           | 2373      |
| AM-Y         | 2374      |
| W            | 2375      |
| GUM          |           |
| GUM-L        | 2391      |
| GUM-D        | 2392      |
| GUM-Or       | 2393      |
| GUM-Br       | 2394      |
| GUM-V        | 2395      |
| GUM-R        | 2396      |
| GUM-DP       | 2397      |
| GUM-LP       | 2398      |
| GUM-P        | 2399      |
| GUM-SP       | 2400      |
| GUM-T        | 2369      |

# CERAMAGE



## Light-cured microhybrid composite

Ceramage contains 73 % by weight microfine ceramic particles, which are embedded in an organic polymer matrix and ensure excellent physical properties. The inherent light transmission is very close to that of natural dentine and enamel; hence Ceramage combines natural colour reproduction with extraordinary strength and elasticity and is the composite of choice for the production of any type of anterior or posterior restorations with any framework as well as highly stressed implant superstructures.



## benefits

- Excellent flexural and compressive strength
- Realisation of abrasion resistant occlusal veneerings
- Aesthetic material thanks to tooth-like light transmission
- Extensive range of translucent effect colours
- High colour stability
- Perfect viscosity and sculptability
- Superb polishability and plaque resistance
- Biocompatible

7

### Indications

- Fully veneered crowns, bridges, telescopic and implant-supported restorations
- Precision attachments
- Occlusal veneering
- Inlays / onlays
- Veneers
- Long-term temporaries
- Modifying conventional acrylic teeth

| PN     | Quantity | Product                        |
|--------|----------|--------------------------------|
| Y1804U | 1 pc.    | Ceramage Gum Color Full Set    |
| Y1806U | 1 pc.    | Ceramage Standard Set*         |
| Y1807U | 1 pc.    | Ceramage Intro Set, shade A2** |
| Y1808U | 1 pc.    | Ceramage Intro Set, shade A3** |

\* Note: Please order SHOFU Universal Primer (p. 69) additionally.

\*\* Note: Please order SHOFU Universal Primer (p. 69) and Ceramage Modelling Liquid (p. 121) additionally.





## Standard Set

Contains all components for restorations in the shades A1-A4, B2, B3 and C3

- Universal Pre-Opaque, 2 ml • 10x Universal Opaque, je 2 ml
- 4x Cervical, 4.6 g each • 8x Opaque Dentin, 4.6 g each
- 8x Body, 4.6 g each • 3x Incisal, 4.6 g each • 4x Translucent, 4.6 g each
- 3x Flowable Composite, 2 ml each • Modelling Liquid, 6 ml
- Ceramage Spacer, 7 ml • Oxy-Barrier, 10 ml
- Uni Brush No. 4 • 10 dispo dishes • paper pad • light shield cover
- colour table • Advanced product information

| Shade  | PN<br>4.6 g |
|--------|-------------|
| BODY   |             |
| W0B    | 1924        |
| W1B    | 1925        |
| W2B    | 1926        |
| W3B    | 1927        |
| A1B    | 1901        |
| A2B    | 1902        |
| A3B    | 1903        |
| A3.5B  | 1904        |
| A4B    | 1905        |
| rootAB | 1917        |
| B1B    | 1906        |
| B2B    | 1907        |
| B3B    | 1908        |
| B4B    | 1909        |
| C1B    | 1910        |
| C2B    | 1911        |
| C3B    | 1912        |
| C4B    | 1913        |
| D2B    | 1914        |
| D3B    | 1915        |
| D4B    | 1916        |
| R2B    | 1918        |
| R3B    | 1919        |
| R3.5B  | 1920        |

| Shade         | PN<br>4.6 g |
|---------------|-------------|
| OPAQUE DENTIN |             |
| ODA1          | 1851        |
| ODA2          | 1852        |
| ODA3          | 1853        |
| ODA3.5        | 1854        |
| ODA4          | 1855        |
| ODrootA       | 1867        |
| ODB1          | 1856        |
| ODB2          | 1857        |
| ODB3          | 1858        |
| ODB4          | 1859        |
| ODC1          | 1860        |
| ODC2          | 1861        |
| ODC3          | 1862        |
| ODC4          | 1863        |
| ODD2          | 1864        |
| ODD3          | 1865        |
| ODD4          | 1866        |
| ODR2          | 1868        |
| ODR3          | 1869        |
| ODR3.5        | 1870        |

## Gum Color Full Set

Pastes in different viscosities for the reproduction of individual gingival parts

- 2x Flow Opaque, 2 ml each • Translucent, 4.6 g
- 3x Color Effect (Concentrate), 4.6 g each
- 4x Flowable Composite, 2 ml each • Advanced product information

## Intro Set

Efficient starter kit for the Ceramage technique in the shades A2 or A3

- Universal Pre-Opaque, Universal Opaque, Flowable Composite, 2 ml each
- Cervical, Body, Incisal, 4.6 g each
- Uni Brush No. 4 • 10 dispo dishes • paper pad • light shield cover
- Advanced product information

| Shade        | PN<br>4.6 g |
|--------------|-------------|
| CERVICAL     |             |
| AC1          | 1881        |
| AC2          | 1882        |
| BC1          | 1883        |
| BC2          | 1884        |
| CC1          | 1885        |
| CC2          | 1886        |
| DC1          | 1887        |
| DC2          | 1888        |
| INCISAL      |             |
| 56           | 1891        |
| 57           | 1892        |
| 58           | 1893        |
| 59           | 1894        |
| 60           | 1895        |
| 61           | 1896        |
| TRANSLUCENT  |             |
| T            | 1931        |
| HVT          | 1932        |
| LVT          | 1933        |
| T-Glass      | 1934        |
| BG           | 1935        |
| GT           | 1936        |
| COLOR EFFECT |             |
| MI           | 1951        |
| WE           | 1952        |
| OC           | 1953        |
| AM-Y         | 1954        |
| AM-R         | 1955        |
| AM-V         | 1956        |
| MY           | 1957        |
| MP           | 1958        |

| Shade                | PN<br>4.6 g |
|----------------------|-------------|
| CERVICAL TRANSLUCENT |             |
| CT-A                 | 1937        |
| CT-B                 | 1938        |
| CT-R                 | 1939        |
| GUM                  |             |
| GUM-T                | 1940        |
| GUM-L                | 1959        |
| GUM-D                | 1960        |
| GUM-Or               | 1961        |

| Shade                                | PN<br>2 ml |
|--------------------------------------|------------|
| FLOWABLE                             |            |
| Gum / Color Effect                   |            |
| F-GUM-Br                             | 1946       |
| F-GUM-V                              | 1947       |
| F-GUM-R                              | 1948       |
| F-Br                                 | 1942       |
| F-W                                  | 1943       |
| Composite                            |            |
| F-ODA3                               | 1871       |
| F-A3B                                | 1921       |
| F-rootAB                             | 1922       |
| Incisal and Translucent Color Effect |            |
| F-59                                 | 1897       |
| F-T-Glass                            | 1941       |
| F-CT-A                               | 1944       |
| F-BT                                 | 1945       |

# SOLIDEX



Proven light-cured hybrid composite

Solidex has proved its reliability as a veneering material in years of clinical use. It is characterised by high abrasion resistance and well-balanced elasticity, and almost unconditionally recommended for numerous anterior and posterior indications.



## Indications

- Crowns and bridges, telescopic and conical crowns
- Attachment works, implants
- Long-term temporaries
- Occlusal veneering (including 2nd premolar)
- Veneers, inlays, onlays in the premolar region
- Modifying conventional acrylic teeth

## benefits

Convenient viscosity and sculptability

Porcelain-like aesthetics

Very good polishability and shade stability

| PN        | Quantity | Product                |
|-----------|----------|------------------------|
| 1641-1697 | 1 pc.    | Solidex - syringe, 4 g |

| Shade       | PN<br>4 g |
|-------------|-----------|
| BASE PASTE  |           |
|             | 1697      |
| CERVICAL    |           |
| AC1         | 1661      |
| AC2         | 1662      |
| BC1         | 1663      |
| BC2         | 1664      |
| CC1         | 1665      |
| CC2         | 1666      |
| DC1         | 1667      |
| DC2         | 1668      |
| INCISAL     |           |
| 57          | 1671      |
| 58          | 1672      |
| 59          | 1673      |
| 60          | 1674      |
| TRANSLUCENT |           |
| T           | 1681      |
| HVT         | 1682      |
| LVT         | 1683      |

| Shade        | PN<br>4 g |
|--------------|-----------|
| BODY         |           |
| A1B          | 1641      |
| A2B          | 1642      |
| A3B          | 1643      |
| A3.5B        | 1644      |
| A4B          | 1645      |
| B1B          | 1646      |
| B2B          | 1647      |
| B3B          | 1648      |
| B4B          | 1649      |
| C1B          | 1650      |
| C2B          | 1651      |
| C3B          | 1652      |
| C4B          | 1653      |
| D2B          | 1654      |
| D3B          | 1655      |
| D4B          | 1656      |
| COLOR EFFECT |           |
| OC           | 1691      |
| AM           | 1692      |
| GUM          | 1693      |
| WE           | 1694      |

## info

Please use Pre-Opaque and Opaque of the SHOFU Universal Opaque system!

Further information on page 122

# LITE ART



## Light-cured paste stains

The light-cured paste stains are fluorescent, can be applied almost as thin as porcelain and cure fully after short curing time due to multifunctional monomers and photo initiators. Lite Art stains adapt perfectly to resins, composites, artificial teeth or hybrid ceramics when creating internal shade modifications. Simply by covering the polymerised stains with an incisal or translucent composite layer, very fine accents can be achieved precisely and with spatial depth.



## benefits

- Microfine particle structure
- Homogeneous consistency
- Extraordinary masking properties even with thin layers
- Highly fluorescent
- Economical use thanks to the thin nozzle tip

### Indications

- **Characterisation of ceramic reinforced and conventional composites as well as hybrid ceramics**  
crowns / bridges, veneers, inlays / onlays
- **Colour adaptation of artificial teeth**  
composite teeth, acrylic teeth
- **Individualisation of denture bases**  
partial dentures, gingiva coloured composite of telescopic and implant works, full dentures
- **Harmonisation of temporary frameworks and tooth coloured resins**  
PMMA frameworks, long-term temporaries



Extraordinary masking properties enable a lifelike adjustment of artificial teeth with thin layers.

### Natural fluorescence

Lite Art paste stains are highly fluorescent, just like natural teeth. They appear natural even under artificial light.



Under natural light conditions



Even dark colours show vital and natural reflections under ultraviolet light.

# LITE ART - Set and Single Components



| Shade                  | PN<br>1 ml |
|------------------------|------------|
| LITE ART               |            |
| White (W)              | 1971       |
| Black (B)              | 1972       |
| Red (R)                | 1973       |
| Khaki (K)              | 1976       |
| Orange (O)             | 1977       |
| Blue Gray (Bl-G)       | 1978       |
| Violet (V)             | 1979       |
| Orange Brown (O-Br)    | 1980       |
| Dark Red Brown (DR-Br) | 1981       |
| Black Brown (B-Br)     | 1982       |
| Cyan                   | 1983       |
| Magenta                | 1984       |
| Yellow (Y)             | 1985       |
| A-Shade (AS)           | 1974       |
| B-Shade (BS)           | 1975       |

| PN        | Quantity | Product                  |
|-----------|----------|--------------------------|
| 1970      | 1 pc.    | Lite Art Full Set        |
| 1971-1985 | 1 pc.    | Lite Art - syringe, 1 ml |
| 1986      | 6 ml     | Lite Art Clear Liquid*   |

\* Note: Clear Liquid is not suitable for bonding.

## Full Set

Contains all components for authentic and individualised characterisations of resins and ceramic reinforced composites

- 15 shades, 1 ml each • Uni Brush No. 5 • Lite Art Clear Liquid, 6 ml
- 15 cannulas • 15 caps • colour table
- instructions for use



The stains can be dosed economically or even applied directly to the restoration by the fine nozzle tips.



The transparent Lite Art Clear Liquid is used to modify the colour intensity or dilute the stains when required.





|            |           |
|------------|-----------|
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## ARTIFICIAL TEETH

# Veracia



## Fully anatomical composite teeth for full and partial dentures

Veracia anterior and posterior composite teeth are manufactured using state-of-the-art CAD/CAM technology, based on the anatomical parameters of natural teeth – for exceptional, impressive aesthetics and lifelike surface structures.



The teeth are multifunctional, can be used in all standard setup techniques for complete and partial dentures without limitations, and meet the ever-increasing demand of patients for aesthetic and functional prosthodontic solutions.

## benefits

Lifelike surface structure, matching the morphology of natural teeth

Multifunctional use for all standard set-up techniques

Limited variety of moulds for easier choice of anterior and posterior teeth as well as economical storage

Excellent match to the VITA\* Classical shade system

### Indications

- Full denture prosthetics
- Implant restorations
- Telescopic restorations
- Attachment work
- Cr-Co dentures

### Setup techniques

- Tooth to tooth occlusion
- Tooth to two teeth occlusion
- Balanced and lingualised occlusion
- Incisal and canine-guided occlusion
- Sequential guidance



## Veracia - Living Mould Chart

### Contents

15 upper and 8 lower anterior tooth shapes (138 anterior teeth) and 3 upper and lower posterior tooth shapes each (48 posterior teeth) in the VITA\* Classical shades A1, A2, A3 and A3.5.

| PN      | Quantity | Product                           |
|---------|----------|-----------------------------------|
| LMVEA1  | 1 pc.    | Veracia Living Mould Chart - A1   |
| LMVEA2  | 1 pc.    | Veracia Living Mould Chart - A2   |
| LMVEA3  | 1 pc.    | Veracia Living Mould Chart - A3   |
| LMVEA35 | 1 pc.    | Veracia Living Mould Chart - A3.5 |



## Veracia - 28 Teeth Set

### Contents

3 different types of anterior shapes in combination with the posterior shape "M" in the VITA\* Classical shade A3

| PN    | Anterior upper / lower jaw | Posterior upper / lower jaw |
|-------|----------------------------|-----------------------------|
| A3STA | A3ST5 / A3A5               | A3M0 / A3M1                 |
| A3LSL | A3LS5 / A3LA5              | A3M0 / A3M1                 |
| A3LTL | A3LT5 / A3LA5              | A3M0 / A3M1                 |

## Veracia - Accessories

| PN   | Quantity | Product           |
|------|----------|-------------------|
| 4061 | 1 pc.    | Dental Measure II |

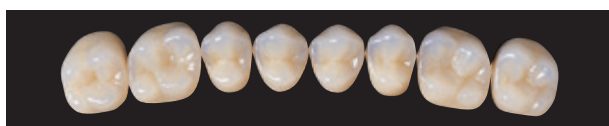
## Veracia / Veracia SA - Cabinet

### Contents

The Cabinet with five drawers contains your individual choice of Veracia and/or Veracia SA tooth shapes. Please contact us if interested.

## Veracia - Tooth Cards

All sets are available in the VITA\* Classical shades A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4 and in the SHOFU whitening shade W1. Please ask for our order information.



6 pcs. each per tooth card

### Veracia - Upper Anterior Teeth

Available in the shapes O4, O5, O6, LO5, LO6, S4, S5, S6, LS5, LS6, ST4, ST5, ST6, LT5, LT6

### Veracia - Lower Anterior Teeth

Available in the shapes NA4, NA5, NA6, A4, A5, A6, LA5, LA6

8 pcs. each per tooth card

### Veracia - Posterior Teeth

Available in the shapes S upper, S lower, M upper, M lower, L upper, L lower

# Veracia SA



## Semi-anatomical artificial teeth and wax-free setup support

The semi-anatomical tooth line Veracia SA is based on the fully anatomical tooth line Veracia. The functional characteristics are the same, but certain sectors have been deliberately provided with abrasion zones. The result is a substantially improved chewing performance, a pleasant wearing comfort of the stabilised denture and a lower level of stress for the jaw joint.

The wax-free assortment holder with an integrated setup support Q<sup>3</sup> Pack allows an effortless posterior teeth setup in perfect function and quality. The setup support contains individual posterior teeth, which can be positioned as needed. Combination with the fully anatomical Veracia anteriors is possible.



## benefits

- Age-based and functional teeth
- Not bound to any occlusion concept
- Saves you setup time
- Balanced occlusion just by setup
- High level of user reliability
- Efficient fabrication in the dental laboratory
- Consistently high quality of dentures

### Indications

- Full denture prosthetics
- Implant restorations
- Telescopic restorations
- Attachment work
- Cr-Co dentures

### Setup techniques

- Balanced occlusion
- Lingualised occlusion
- Tooth to tooth occlusion
- Tooth to two teeth occlusion



Living Mould Chart XL

## Veracia SA - Living Mould Chart

### Contents

16 anterior teeth sets (12 upper / 5 lower jaw) and 8 posterior teeth sets (4 upper / lower jaw in each size S28, S30, S32, S34)

Living Mould Chart XL: 17 anterior teeth sets (12 upper / 5 lower jaw) and 8 posterior teeth sets (4 upper / lower jaw in each size S30, S32, S34, S36)

Both chart sizes are available in the VITA\* Classical shades A1, A2, A3 and A3.5.

| PN        | Quantity | Product                                 |
|-----------|----------|---|
| LMSAA1    | 1 pc.    | Veracia SA Living Mould Chart - A1      |
| LMSAA2    | 1 pc.    | Veracia SA Living Mould Chart - A2      |
| LMSAA3    | 1 pc.    | Veracia SA Living Mould Chart - A3      |
| LMSAA35   | 1 pc.    | Veracia SA Living Mould Chart - A3.5    |
| LMSAXLA1  | 1 pc.    | Veracia SA Living Mould Chart XL - A1   |
| LMSAXLA2  | 1 pc.    | Veracia SA Living Mould Chart XL - A2   |
| LMSAXLA3  | 1 pc.    | Veracia SA Living Mould Chart XL - A3   |
| LMSAXLA35 | 1 pc.    | Veracia SA Living Mould Chart XL - A3.5 |



## Veracia SA - 28 Teeth Set

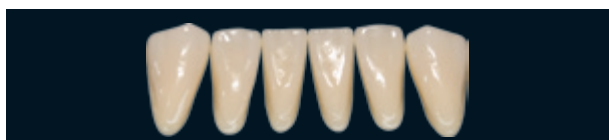
### Contents

1 anterior teeth set each upper jaw (ST6) and lower jaw (MA6) as well as 1 Q<sup>3</sup> Pack posterior teeth set each (upper jaw / lower jaw, size 32) in the VITA\* Classical shade A2 or A3

| PN     | Quantity | Product                      |
|--------|----------|------------------------------|
| A2ST66 | 1 pc.    | Veracia SA 28 Teeth Set - A2 |
| A3ST66 | 1 pc.    | Veracia SA 28 Teeth Set - A3 |

## Veracia SA - Tooth Cards

All sets are available in the VITA\* Classical shades A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4 and in the SHOFU whitening shade W1. Please ask for our order information.



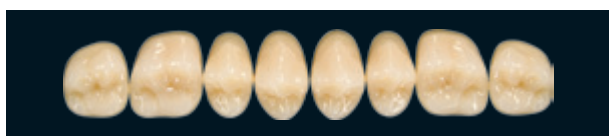
6 pcs. each per tooth card

### Veracia SA - Upper Anterior Teeth

Available in the shapes O4, O5, O6, O7, S4, S5, S6, S7, ST4, ST5, ST6, ST7

### Veracia SA - Lower Anterior Teeth

Available in the shapes MA4, MA5, MA6, MA7, MA8



8 pcs. each per tooth card

### Veracia SA - Posterior Teeth

either conventional or as Q<sup>3</sup> Pack

#### Conventional set

Available in the sizes S28, S30, S32, S34, S36  
0 = upper, 1 = lower

#### Ordering examples

Upper jaw posterior set, shade A2, size 30: PN A2S300

Lower jaw posterior set, shade A2, size 30: PN A2S301

#### Q<sup>3</sup> Pack

Available in the sizes S28, S30, S32, S34, S36 in the VITA\* Classical shades A2, A3, A3.5, B2, C2, and D2

#### Ordering examples

Q<sup>3</sup> Pack Upper jaw posterior set, shade A2, size 30:

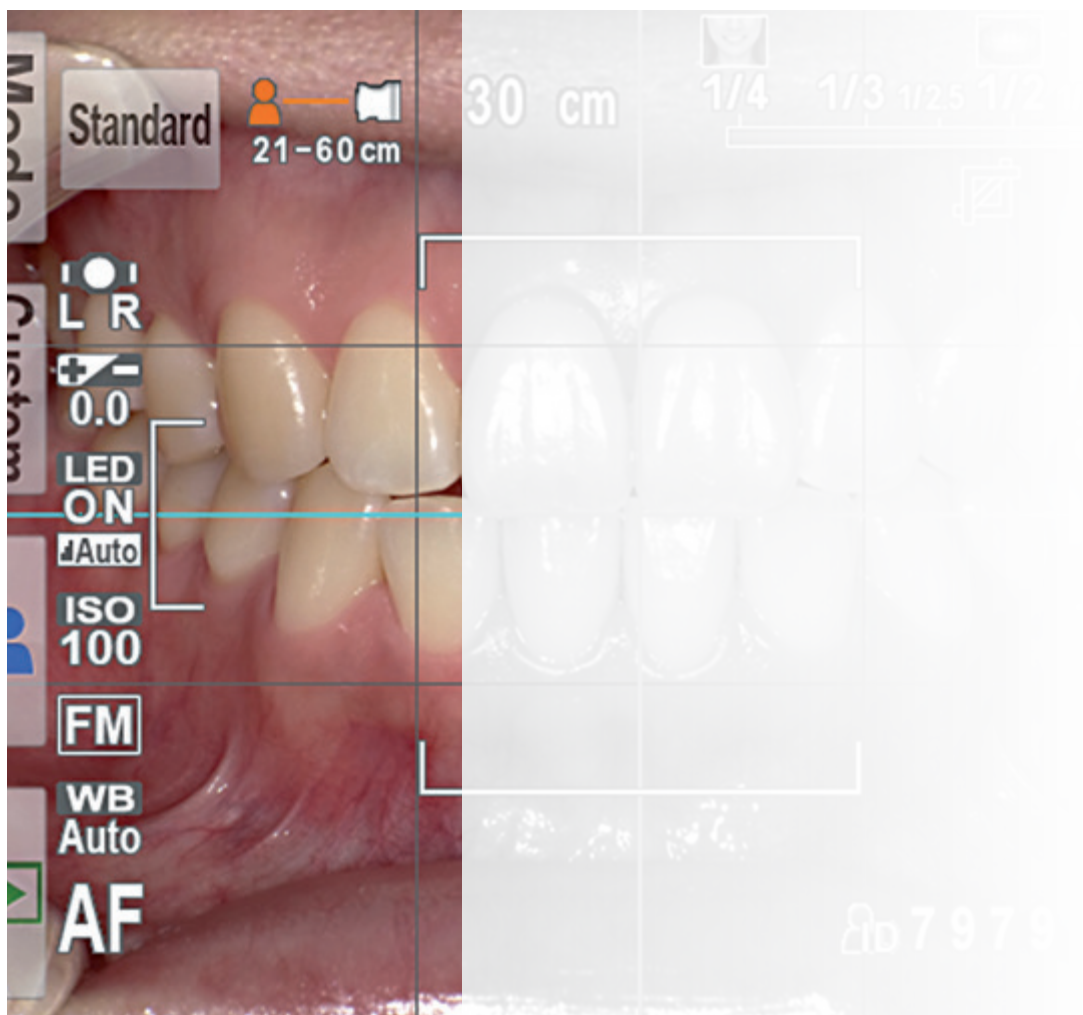
PN QA2S300

Q<sup>3</sup> Pack Lower jaw posterior set, shade A2, size 30:

PN QA2S301







DENTAL CAMERA

# EyeSpecial C-IV



The dental camera: more speed – more precision – more versatility

The fourth generation of the EyeSpecial dental camera meets specific user requests, e.g. for easy menu navigation and comfortable operation, and features even more speed, precision and versatility.

The close-up view now provides much more information on shade, surface and other tooth characteristics. The new attachable cross polarizer (optional) offers users a glare-free view of the variable play of colours in natural teeth.

## benefits

Fast, intuitive menu navigation

Nine shooting modes

Video feature

One-handed operation, even with medical gloves

Disinfectability in accordance with current hygiene guidelines

Optional attachable cross polarizer



The EyeSpecial C-IV dental camera is equipped with state-of-the-art digital technology; it is characterised by a short learning curve, reliable operation and suitability for a wide range of indications.

| PN      | Quantity | Product                           |
|---------|----------|-----------------------------------|
| E0021   | 1 pc.    | EyeSpecial C-IV incl. accessories |
| E0022   | 1 pc.    | Cross Polarizer                   |
| E0002   | 1 pc.    | Handstrap                         |
| E0004   | 1 pc.    | SHOFU gray card                   |
| E0005   | 1 pc.    | Lens cap                          |
| E0001NK | 1 pc.    | Case for EyeSpecial               |

The delivery includes the camera plus:

- Close-up lens (49 mm) from Kenko
- Lens cap
- Hand strap
- 4 AA batteries
- 16 GB SDHC memory card
- SHOFU gray card
- Instructions



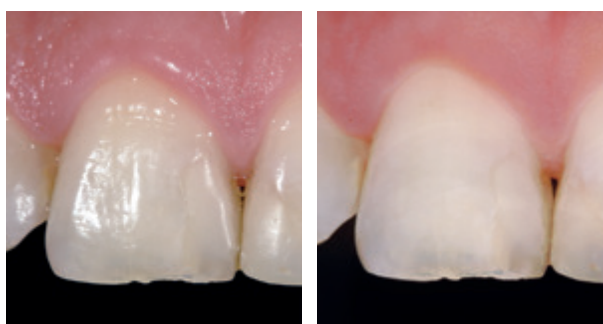
Nine preinstalled shooting modes ensure consistently professional image quality whenever the camera is used.

### Compact and comfortable

This ultralight high-performance camera can easily be held with one hand, freeing the other to hold a cheek retractor or a mirror. It does not require any „heavyweight“ accessories, like external flashes or interchangeable lenses. Equipped with everything you need, the EyeSpecial C-IV allows you to take informative and professional dental photographs.

### Cross polarized photography for glare-free assessment

With the cross polarizer attached, the EyeSpecial C-IV allows you to look inside a tooth: Chroma, internal light effects and individual tooth characteristics are visualised without being distorted by light reflections occurring on the enamel surface. Shade and colour effects of hard and soft tissues can also be assessed more accurately when using the cross polarizer.



### Close-up lens for more detail

The EyeSpecial C-IV features an optical zoom for magnification rates of up to 1.4:1. If you wish to capture more detail, you can use the tele macro mode in combination with the high-quality close-up lens by Kenko for magnification rates of up to 2:1. This mode easily creates excellent images of the smallest anatomical details.

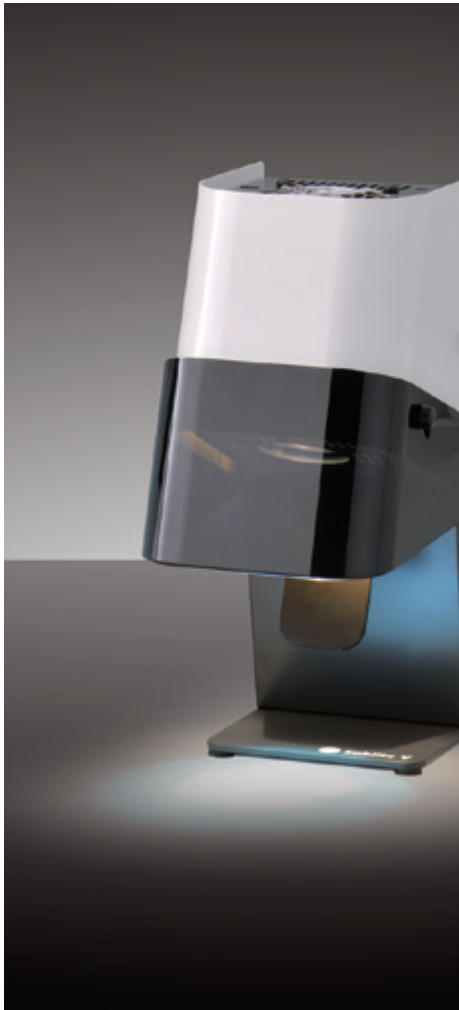


It goes without saying that dental teams have to work hygienically. The EyeSpecial C-IV meets all requirements of modern hygiene practices. Thanks to its „smooth“ design, the camera is easily and quickly disinfected after each use and ready for the next patient.





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EQUIPMENT AND ACCESSORIES

# Solidilite LED



Advanced LED light-curing unit with broad band of wavelengths

The new Solidilite LED has white, blue and UV LEDs, covering a wavelength range of 380 to 650 nm, so it is well-equipped even for curing future generations of composite materials and 3D printing materials. The thermal energy produced by the white LEDs enhances and accelerates the curing process. The broad band of wavelengths and enormous efficiency of its LEDs extend its applications to the polymerisation of virtually all light-cured materials handled in dental laboratories.



Thanks to the XXL curing chamber of the Solidilite LED, objects can be optimally placed and oriented together with their working models and split cast bases, and 3D-printed components can be post-cured with all their support structures. The turntable ensures that workpieces are exposed to light 360° without any shadows. Five preset curing times make the Solidilite LED very easy to operate.



## benefits

- Equally well-suited for dental veneering composites and 3D printing materials
- User-friendly and convenient housing design, easy-to-operate unit
- Curing cycles shortened by up to 50 %
- Light modules operational for approx. 40,000 hours without any decrease in output
- Super-silent to operate

## Specifications

- Broad band of wavelengths: 380 - 650 nm
- 24 high-power LEDs (12x blue + 12x white) and 6 UV LEDs
- 5 preset curing times selectable: 30, 60, 90, 180 seconds for composites, 5 minutes for 3D printing materials
- LED timer lamp display
- Dimensions: 22.5 x 33 x 29 cm (W x D x H)
- Weight: approx. 9.5 kg

## Indications

Polymerisation of veneering composites and 3D printing materials

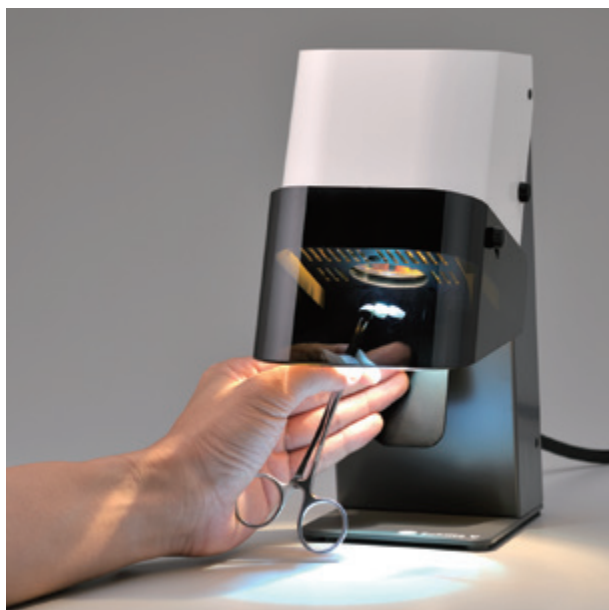
| PN   | Quantity | Product                     |
|------|----------|-----------------------------|
| E031 | 1 pc.    | Solidilite LED, incl. lamps |

# Sublite V



## Preliminary polymerisation light for the dental laboratory

The powerful Sublite V light-curing unit for time-saving and professional pre-polymerisation features proven technology and a compact and appealing design. The high-performance 150-W halogen lamp allows you to pre-polymerise an applied composite layer in just 5 seconds per tooth. The unit's convenient one-hand operation and spacious curing area below the light guard also enable you to cure restorations on a working model.



### Indications

Preliminary curing of light-cured veneering composites

| PN   | Quantity | Product               |
|------|----------|-----------------------|
| 5108 | 1 pc.    | Sublite V, incl. lamp |
| 5610 | 1 pc.    | Halogen lamp 150 W    |

The individual settings of the Sublite V are just as diverse as your working techniques. The position of the light guard can be adjusted horizontally and, by rotation, also vertically, for glare-free curing of your workpieces at any time, perfectly matched to your personal application needs.

## info

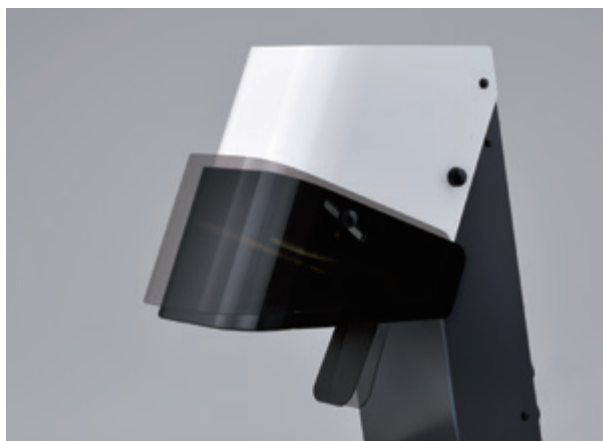
Solidilite LED and Sublite V are perfectly matched to the SHOFU veneering composites Ceramage UP, Ceramage and Solidex (p. 123 ff).

## benefits

- Time-saving pre-polymerisation on the working model
- Convenient one hand operation
- Two curing programmes  
(tap on switch: 5 sec cure / keep switch pressed: max. 20 sec cure)
- Light guard horizontally and vertically adjustable

### Specifications

- Light source: 1 halogen lamp JCR 110V 150W
- Dimensions: 11.2 x 21 x 25.2 cm (W x D x H)
- Weight: approx. 2.5 kg
- Fuse: 2x 1.6 A, time-lag
- Rated supply voltage: 100-240 V, 50/60 Hz
- Spectral range: 400-550 nm



# SHOFU Post Stand P ■ SHOFU Post Set

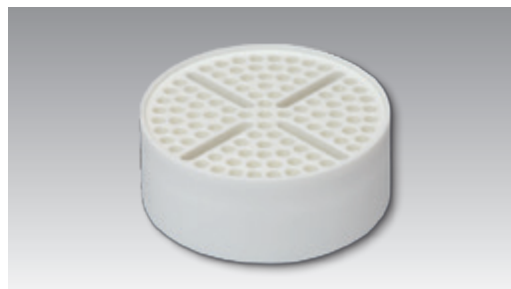


Tray and pin set

## SHOFU Post Stand P

With four slots oriented towards the centre and more than 100 holes this tray with matched posts features extraordinarily quick and easy positioning of workpieces, ranging from single crowns to 14-unit bridges.

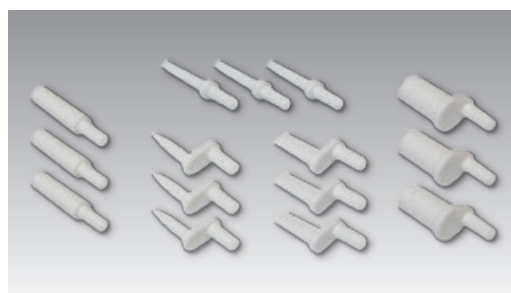
Dimensions: ø 60 mm / h 23.5 mm



## SHOFU Post Set

The set includes five different shapes, 3 each, for any kind of restoration:

- **Anterior Post A** (cone shaped) and **Anterior Post B** (wedge shaped) for anterior crowns
- **Posterior Post A** for premolars
- **Posterior Post B** for molars
- **Free Post** can be ground to any desired shape



Thanks to axially offset and rotatable posts, distances can be individually adjusted.

## Indications

For stable placement of restorations in dental lab light-curing units

| PN   | Quantity | Product                   |
|------|----------|---------------------------|
| 5059 | 1 pc.    | SHOFU Post Stand P (tray) |
| 5058 | 1 pc.    | SHOFU Post Set (pins)     |

## Accessories for Lab Equipment



| PN   | Quantity | Product                                    |
|------|----------|--|
| 5321 | 1 pc.    | Cartridge for Lab Air-Z, oil-free          |
| 5053 | 50 pcs.  | Contact tip for ShadeEye EX / ShadeEye NCC |
| 5054 | 3 pcs.   | Tip holder for ShadeEye EX / ShadeEye NCC  |
| 5055 | 5 pcs.   | Paper roll for ShadeEye EX                 |
| 5057 | 5 pcs.   | Paper roll for ShadeEye NCC                |
| 5610 | 1 pc.    | Halogen lamp, 150 W                        |
| 5612 | 1 pc.    | Cold light lamp, 9 W                       |



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Naotake Akimoto, DMD, PhD (p. 65)  
MDT German Bär (p. 43, 90, 92, 116, 123, 128)  
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MDT Bernd Egger (p. 112)  
DT Tomoyuki Edakawa (p. 110)  
Dr Markus Th. Firla (p. 14, 49, 54, 61, 78)  
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MDT Nick Mekias (p. 84)  
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