WELCOME TO THE DENTALISTS!

Dear customers and business partners,

As a researching dental company our focus is first and foremost on you and your expectations in respect of our products. No matter if they are put to use in the dental surgery or in the laboratory – what counts are ease of working, reliability, individuality and, of course, top quality.

These features characterise our entire product portfolio, which includes high-quality materials for a large range of indications: from products for prophylaxis via a wide range of composites and bondings to luting materials or materials for the fabrication of temporaries and impression taking.

In addition, VOCO carries over their expertise in the light-curing resins area to the digital dentistry: whether with ultramodern 3D printers, the worldwide successful printing materials of the V-Print family or innovative composite blocs for CAD/CAM applications. VOCO develops products, which meet the highest demands of dentists and dental technicians. For the first time it is possible to fabricate complete prosthesis with our CediTEC and V-Print dentbase in just one set – from the base via the prosthetic teeth to the luting material (more about this from page 49).

Read on to find out more about our diverse portfolio for preventive, restorative, prosthetic and digital dentistry. Acquaint yourself with our products in the following areas

- Oral Care
- Direct restoration
- Indirect restoration and
- Devices ∙ Various

and discover VOCO’s top quality standards.

If you have any questions or require further information, please feel free to contact your VOCO dental consultant. Of course, our Customer Service department will also be pleased to help (contact them by e-mail to service@voco.de or by Freecall on 00 800 44 444 555).

Product information, instructions for use, scientific information, clinical cases and more are available for you on www.voco.dental.

News, information and other VOCO fans can be found on Facebook, Instagram and Youtube!

Your VOCO GmbH

www.voco.dental
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The following icons enable you to quickly find the right product and make a first assessment and judgement within seconds, which allows you to quickly gain a general overview.

**Material composition**
- Both the fillers and the resin matrix of this product are based purely on silicon oxide.

**Method of application**
- No separate etching of the tooth surface is required before the adhesive system (bond) is used. For detailed information, please consult the instructions for use.

**Application of the material**
- This material is available in the non-running, non-dripping NDT®-syringe.

**Indications**
- According to indications, this product is suitable for fillings of the classes of cavity listed. For detailed information, please consult the instructions for use.

**Radiopacity**
- After completion of the working process, this material is highly radiopaque. The value shown indicates the radiopacity in percent relating to the aluminium equivalent.

**Fluoride content**
- This product contains the level of fluorides indicated. For detailed information, please consult the instructions for use.

**Indication of working time**
- The maximum extraoral working time for this product is as shown.

**Indication of retention time in the mouth**
- This product is retained in the mouth for the minimum duration shown.

**Working directions**
- This material is suitable for so-called bulk fillings with a maximum layer thickness of 4 mm. For detailed information, please consult the instructions for use.

**Curing of the material**
- This product cures through exposure to light. The time indicated represents the average time. For detailed information, please consult the instructions for use.

**Volume shrinkage**
- During setting, this product is subject to the volume shrinkage indicated in percent.
Healthy teeth are a valuable asset, and to keep them healthy for a long time you and your patients work together with us towards a common goal. For this to succeed, VOCO products make an important contribution. With fluoride varnishes suitable for a great variety of indications. With fissure sealants offering high filler content even in conjunction with transparency. With immediately effective desensitisers. With cleaning pastes in various grades. No matter which product you choose, you will always make the right decision. For whitening, we further offer a complete series, which is as convincing in its use as it is in its result – both at the dental office and at home.
### Oral Care

**Cleaning**

<table>
<thead>
<tr>
<th>Product</th>
<th>Fluoride Content</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bifluorid</strong></td>
<td>22.600 ppm</td>
<td>Single Dose, bottle</td>
</tr>
<tr>
<td><strong>Remin Pro</strong></td>
<td>1.450 ppm</td>
<td>Tube, clinical</td>
</tr>
<tr>
<td><strong>VOCO Profluorid Varnish</strong></td>
<td>22.600 ppm</td>
<td>Tube, cartridge, mint, melon, strawberry, cola lime, pina colada</td>
</tr>
</tbody>
</table>

**Fissure sealing**

<table>
<thead>
<tr>
<th>Product</th>
<th>Delivery</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Grandio Seal</strong></td>
<td>70% w/w opaque</td>
<td>50 ppm</td>
</tr>
<tr>
<td><strong>Fissurit FX</strong></td>
<td>55% w/w</td>
<td></td>
</tr>
<tr>
<td><strong>Fissurit Fn/s</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Whitening**

<table>
<thead>
<tr>
<th>Product</th>
<th>Percentage</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Perfect Bleach 10%</strong></td>
<td>10% / 16%</td>
<td>Home, 10%</td>
</tr>
<tr>
<td><strong>Perfect Bleach</strong></td>
<td>35% / 45%</td>
<td>Office, 35%</td>
</tr>
</tbody>
</table>

**Fluoridation · Desensitisation**

<table>
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</table>

**Tissue sealing**

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**Admira Protect**

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</table>
CleanJoy®
Fluoride-containing tooth cleaning and polishing paste in three cleaning grades

Indications
Removal of soft and hard surface plaque
Removal of extrinsic discolouration (e.g. staining from coffee, tea or tobacco)
Polishing of tooth surfaces as part of professional tooth cleaning, prior to whitening or following the removal or orthodontic devices
Cleaning and polishing of restorations as part of professional tooth cleaning
Removal of residues of temporary luting material prior to definitive bonding (cementation)

Advantages
• Stable, homogenous consistency
• No splashing (2,000 - 3,000 r / min)
• No parabens
• Available in three abrasion grades, thus can be individually adjusted to each situation
• RDA values (measured in accordance with DIN EN ISO 11609)
  – coarse (red) RDA = 195
  – medium (yellow) RDA = 127
  – fine (green) RDA = 16
• Traffic light coding: simple to use without confusion
• Can be used with any conventional instrument (small brush, cup etc.)
• Contains fluoride (700 ppm) and xylitol
• Three pleasant flavours: mint, caramel, cherry

Application
Slight extrinsic staining in the anterior region of the mandible
Use of the yellow cleaning paste and finishing with the green polishing paste
Clean and smooth tooth surfaces

Source: Dr. Sanzio Marques, Passos / Brazil
**Grandio® Seal**

*Light-curing nano-hybrid fissure sealant*

**Indications**
- Sealing / filling of pits and fissures
- Sealing / facing of damaged enamel surfaces
- Covering of caries predilection sites during orthodontic treatments
- Sealing of deciduous teeth

**Advantages**
- Use of nano-fillers for optimal flow behaviour
- With 70 % w/w highest filler content in its class
- Outstanding physical properties
  - low abrasion
  - high transverse strength
  - extremely low shrinkage values
- Excellent handling
- Optimal wetting
- Perfect marginal adaptation
- Ideal for sealing composite or glass ionomer fillings (protective layer against humidity)

**Grandio® Seal in the NDT®-syringe**
- NDT® means non-dripping-technology
- Especially suited for fine-flowing materials
- Can be dosed and applied with precision
- Without any loss of material

**Clinical Case**

Source: Dr. Marcelo Balsamo, São Paulo / Brazil
**Fissurit® FX**

Highly filled light-curing fissure sealant with fluoride, white

**Indications**
- Sealing of fissures and occlusal surfaces for caries prophylaxis
- Sealing of extended fissures
- Filling of small cavities

**Advantages**
- Filler content of 55 % w/w for outstanding abrasion proofness
- Quick and easy application from the direct-application syringe with bendable metal cannulae
- Optimal flow properties
- High stability and good adhesion to enamel
- Perfect marginal adaptation
- Continuous fluoride release
- White for easy visual control

**Product Code**
- REF 1181 Syringe 2 x 2.5 g, accessories
- REF 2145 Application cannulae type 40, 100 pcs.
- Not available in Canada

---

**Fissurit® F**

Light-curing fissure sealant with fluoride, white

**Indications**
- Sealing of pits, fissures and occlusal surfaces for caries prophylaxis
- Facing of damaged enamel surfaces
- Anchoring of orthodontic appliances
- Sealing of composite and cement fillings (protection against moisture)
- Restoration of small carious lesions
- Repair of small defects in composite and amalgam fillings

**Advantages**
- Quick and direct application from the non-dripping NDT®-syringe
- White for application control
- Excellent flow properties and low viscosity
- High stability and good adhesion to enamel
- Perfect marginal adaptation
- Continuous fluoride release

**Product Code**
- REF 1180 Bottle 2 x 3 ml
- REF 1292 Syringe 2 x 2 g, accessories
- REF 1293 Set syringe 5 x 2 g, Vococid gel syringe 5 ml, Vococid bottle 2 x 3 ml, accessories
- REF 2145 Application cannulae type 40, 100 pcs.
- Not available in Canada
Bifluorid 10®

Fluoride varnish for the treatment of dental hypersensitivity

Indications
Treatment of hypersensitivity, including
– cervical area and crown margins
– sensitivity after professional cleaning and calculus removal
– tooth surfaces after preparation and / or grinding
– worn occlusal surfaces and teeth carrying clasps
– after injury of the enamel (e.g. fractures, chips)
– sealing cavity margins after restoration, especially after the etching technique has been employed
– as a dentine protection / lining under amalgam fillings

Advantages
• Immediately desensitising
• Formation of a protective coat against thermal and mechanical influences
• Transparent – no discolouration of teeth
• Special varnish base reinforces long-term effect and deep fluoridation
• Economical and simple – high yield, low cost, fast application
• Dries quickly
• Colophony-free
• Contains 5 % sodium fluoride (equal to 22,600 ppm fluoride) and 5 % calcium fluoride
• Bleaching compatible, reduction of sensitivity, without hindering the bleaching treatment

Application

Remin Pro®

Protective dental care with fluoride and hydroxy apatite

Indications
After tooth whitening
After professional tooth cleaning
For the prevention and control of hypersensitivities
During orthodontic treatment

Advantages
- Contains fluoride (1,450 ppm), hydroxy apatite and xylitol
- Provides a balanced oral flora and thus protects the teeth against harmful acid attacks
- Strengthens the teeth after whitening and professional cleaning
- Available in three aromatic flavours (melon, mint and strawberry)
- Can be used daily and especially well-suited for use at home
- Optimal for cases of MIH

Prophylaxis Set

All-in-one – Professional prophylaxis products from VOCO in only one single set

Indications
More information on the indications can be found on the product pages of CleanJoy, Remin Pro, VOCO Profluorid Varnish and Grandio Seal

Advantages
- Fluoridate, Protect, Care, Seal
- Also for individual prophylaxis
- Different flavours for testing
- For your daily and special practice
**VOCO Profluorid® Varnish**

Fluoride-containing dental desensitising varnish (5 % NaF)

---

**Indications**
- Treatment of hypersensitive teeth
- Treatment of sensitive root surfaces

**Advantages**
- Moisture tolerant
- Esthetic, tooth-shaded varnish
- Fast desensitisation and fluoride release (5 % NaF ≈ 22,600 ppm fluoride)
- In seven pleasant flavours available: melon, mint, cherry, caramel, bubble gum, cola lime and pina colada
- Ideal for treating cervical areas after professional cleaning and calculus removal
- Optimal for cases of MIH

**Advantages of the SingleDose**
- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

**Advantages of the cartridge**
- Multiple use with disposable cannulae
- Perfectly precise application
- Extremely easy application in proximal areas
- Complete fluoride application in only a single step

---

**Application**

---

**SingleDose**

<table>
<thead>
<tr>
<th>Flavour</th>
<th>50 x 0.40 ml</th>
<th>200 x 0.40 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melon</td>
<td>REF 1269</td>
<td>REF 1271</td>
</tr>
<tr>
<td>Caramel</td>
<td>REF 2226</td>
<td>REF 2229</td>
</tr>
<tr>
<td>Cherry</td>
<td>REF 2227</td>
<td>REF 2230</td>
</tr>
<tr>
<td>Mint</td>
<td>REF 2228</td>
<td>REF 2231</td>
</tr>
<tr>
<td>Bubble Gum</td>
<td>REF 2238</td>
<td>REF 2239</td>
</tr>
<tr>
<td>Cola Lime</td>
<td>REF 2240</td>
<td>REF 2241</td>
</tr>
<tr>
<td>Pina Colada</td>
<td>REF 2242</td>
<td>REF 2243</td>
</tr>
</tbody>
</table>

**Flavour**
- Melon
- Mixed

**Cartridge**

<table>
<thead>
<tr>
<th>Flavour</th>
<th>5 x 1.70 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melon</td>
<td>REF 2235</td>
</tr>
<tr>
<td>REF 2167</td>
<td>Application cannulae type 43, 100 pcs.</td>
</tr>
</tbody>
</table>

**REF 1272 and 2235 are not available in Canada**
**VOCO Profluorid® Varnish**

Fluoride-containing dental desensitising varnish (5 % NaF)

**Indications**
- Treatment of hypersensitive teeth
- Treatment of sensitive root surfaces

**Advantages**
- Moisture tolerant
- Esthetic, tooth-shaded varnish
- Economical application in thin layers, high yield
- Ideal for treating cervical areas after professional cleaning and calculus removal
- Optimal for cases of MIH

**Admira® Protect**

Light-curing ORMOCER® based protective desensitiser

**Indications**
- Treatment of hypersensitive dentine
- Treatment of cervical areas and crown margins
- Treatment of cervical areas after professional cleaning and calculus removal

**Advantages**
- Biocompatible
- Permanent elimination of hypersensitivity
- Reliable adhesion
- Special filler technology for high abrasion resistance
- Fluoride release

**Tube Indications**

<table>
<thead>
<tr>
<th>Flavour</th>
<th>10 ml</th>
<th>50 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melon</td>
<td>REF 1267</td>
<td>REF 1272</td>
</tr>
<tr>
<td>Caramel</td>
<td>REF 2232</td>
<td>–</td>
</tr>
<tr>
<td>Cherry</td>
<td>REF 2233</td>
<td>–</td>
</tr>
<tr>
<td>Mint</td>
<td>REF 2234</td>
<td>–</td>
</tr>
<tr>
<td>Cola Lime</td>
<td>REF 2236</td>
<td>–</td>
</tr>
<tr>
<td>Pina Colada</td>
<td>REF 2237</td>
<td>–</td>
</tr>
<tr>
<td>Mixed</td>
<td>4 x 10 ml</td>
<td>REF 2971</td>
</tr>
</tbody>
</table>
Perfect Bleach®
Whitening gel for discoloured teeth (10 % / 16 % carbamide peroxide)

**Indications**
Gentle and permanent tooth whitening for vital and non-vital teeth e.g. in cases of staining due to medication, fluorosis, food, trauma, ageing etc.

**Advantages**
- Simple user-friendly application
- Gentle on tooth substance and existing restorations
- Significant whitening effect already after a short time
- Pleasant menthol flavour
- Set in attractive cosmetic bag

---

Perfect Bleach® Office+
Whitening gel for discoloured teeth

**Indications**
Perfect Bleach Office+ is suited for whitening individual or multiple discoloured, vital or devitalised teeth. The whitening success depends on the natural tooth shade as well as the intensity and cause of the discolouration. It is possible to whiten discolourations of organic origin, which generally have the following causes:
- discolouration as a result of trauma
- discolouration caused by medication (e.g. tetracycline)

Discolourations of inorganic origin, such as components of amalgam (silver), are not whitened, nor are restorations

**Advantages**
- 35 % hydrogen peroxide concentration for safe and fast whitening of discolourations
- Good contrast to the tooth and LC Dam due to red coloured material
- Can be used for both internal and external whitening
- Perfect Bleach Office+ in the convenient QuickMix syringe
  - only the amount of gel needed is activated
  - no mixing errors and the gel is always fresh
- No painful heat-loading from light-curing the gingiva protection

---

Perfect Bleach® 10 %
REF 1658  Mini set syringe 4 × 2.4 ml with 10 % carbamide peroxide, storage box, cosmetic bag
REF 1662  Syringe 3 × 2.4 ml with 10 % carbamide peroxide

Perfect Bleach® 16 %
REF 1659  Mini set syringe 4 × 2.4 ml with 16 % carbamide peroxide, storage box, cosmetic bag
REF 1664  Set syringe 6 × 2.4 ml with 16 % carbamide peroxide, Block Out Gel LC syringe 1.2 ml, material for 2 trays, storage box, cosmetic bag, shade guide, accessories
REF 1665  Syringe 3 × 2.4 ml with 16 % carbamide peroxide

Not available in Canada
Direct Restoration


Conservative dentistry requires your expertise as a dentist in conjunction with absolutely reliable, high-quality restorative materials. For direct restorations VOCO offers you restoratives of a number of material classes for a great variety of indications. But there is one thing all our restorative materials have in common: our composites, compomers, ORMOCER®s and glass ionomer materials, as well as liners, bonding materials and glass fibre strands guarantee that results are characterised by stability and durability. Moreover, patients are looking for individual solutions to make their smile radiant. Our products, while being easy to use and quick to apply, help your restorations become predictable and plannable as well as aesthetic.
Calcimol LC
Light-curing radiopaque calcium hydroxide paste

Indications
- Indirect pulp capping
- Lining under all filling materials

Advantages
- Effective protection of the pulp
- Ready-to-use one-component material
- Time-saving light-curing and direct application from the non-dripping NDT®-syringe
- High level of acid-resistance, protection when applying the total-etch technique
- Supports the formation of tertiary dentine

Calcicur®
Ready-to-use calcium hydroxide paste

Indications
- Indirect capping for the treatment of caries profunda
- Direct capping when the pulp is opened or a pulpotomy is performed
- Lining of cavities to prevent exposure to acid media when using cements
- For temporary filling of root canals

Advantages
- Suitable for use under any lining or restorative material
- Immediately ready for use
- With high pH value (12.5) known for bacteriostatic effect
- Calcium hydroxide content of 45 %
- Radiopacity
- Promotes the formation of tertiary dentine
- Effective pulp protection
Ionoseal®

Light-curing glass ionomer composite liner

**Indications**
- Lining under all types of filling material
- Extended fissure sealing
- Restoration of smaller lesions

**Advantages**
- Ready-to-use one-component material
- Time-saving: light-curing in seconds
- Quick and hygienic application
- High compressive strength (226 MPa)
- Fluoride release against secondary caries
- High biocompatibility
- Radiopaque

---

**Clinical Case**
- Prepared cavity
- Direct application Ionoseal
- Finished lining
- Final restoration

Source: Dr. Marcelo Balsamo, São Paulo / Brazil

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| REF 1126  | Tube 2 × 4 g |
| REF 1326  | Syringe 3 × 2.5 g, accessories |
| REF 2146  | Application cannulae type 41, 100 pcs. |

High radiopacity of Ionoseal, shown on the 28

Gap-free link between hard dental tissue, Ionoseal and the restorative (Grandio) – cross-cut microscope picture
## Bondings

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1 only in combination with DC Activator.
**Futurabond® U**  
**Dual-curing universal adhesive**

**Indications**
Direct and indirect restorations using any light-curing, self-curing or dual-curing methacrylate-based restorative, core build-up or luting composite  
Intraoral repair of fillings, ceramic veneers and all-ceramic restorations without additional primer  
Treatment of hypersensitive tooth necks  
Protective varnish for glass ionomer cement restorations  
Sealing of cavities prior to amalgam restorations or prior to temporary luting  
Luting of root posts with dual-curing or self-curing luting composites

**Advantages**
- One bond for all cases! Makes all other adhesives in the practice redundant!  
- Self-etch, selective-etch or total-etch – free choice for the practitioner  
- Outstanding versatility of application  
  – for direct or indirect restorations  
  – fully compatible with all light-curing, dual-curing or self-curing methacrylate-based composites without additional activator for dual-curing  
  – secure adhesion to various materials such as metal, zirconium dioxide or aluminium oxide, as well as silicate ceramics without additional primer  
  – treatment of hypersensitive tooth necks  
  – protective varnish for glass ionomer cement restorations etc.  
- Applied in one layer – only 35 seconds total working time  
- Outstanding adhesion compared to other universal, self or total-etch adhesives  
- Moisture tolerant  
- Refrigeration not necessary

**Futurabond® U in practical SingleDose**
- Easy, quick and hygienic  
- No additional devices required  
- No spilling in any position

It’s just that easy – simply press, simply bond!
Futurabond® M+
Universal adhesive

Indications
Direct and indirect restorations using any light-curing methacrylate-based restorative, core build-up or luting composite
Intraoral repair of fillings, ceramic veneers and all-ceramic restorations without additional primer
Treatment of hypersensitive tooth necks
Protective varnish for glass ionomer cement restorations
Sealing of cavities prior to amalgam restorations or prior to temporary luting

In combination with Futurabond® M+ DCA (dual-cure activator)
Direct and indirect restorations using any self-curing or dual-curing methacrylate-based restorative, core build-up or luting composite
Luting of root posts with dual-curing or self-curing luting composites

Free choice of etching technique:
Self-Etch ✔
Selective-Etch ✔
Total-Etch ✔

For direct and indirect restorations using any light-curing, self-curing or dual-curing methacrylate-based composite.*

Applied in one layer – only 35 seconds total working time.
Sufficient content for more than 250 applications.

Optimal wetting properties ensure reliable sealing of dentinal tubules – no post-operative sensitivity.

Intraoral repair of fillings, ceramic veneers and all-ceramic restorations.

* in combination with Futurabond M+ DCA (dual-cure activator) when using self-curing or dual-curing composites
Futurabond® DC
Dual-curing self-etch-bond reinforced with nano-fillers

Indications
Direct self- or dual-curing composite restorations and core build-ups
Direct light-curing restoration with composite-, compomer- and ORMOCER® based restoratives
Adhesive luting of root pins / posts with dual or self-curing composite cements
Indirect restoration when using dual- and self-curing resin cements for luting of inlays, onlays, crowns and bridges

Advantages
• Chemical-curing in areas inaccessible with a curing light
• Futurabond DC achieves the same adhesive properties as total-etch preparations without separate etching of the tooth substance
• Moisture tolerant
• Durable marginal integrity
• Easy and fast application – one-coat, one-cure technique
• Contains fluorides
• No refrigerated storage needed
• Ideal for paediatric use

Vococid®
Etchant for acid-etch technique

Indications
Etching liquid / gel for use in the enamel etching or in the total-etch technique

Advantages
• Available as a fluid (36.1 % phosphoric acid) or gel (35 % phosphoric acid)
• Blue colouring for visual monitoring during application
• Stable, non-dripping gel
• 60 ml syringe for keeping material in stock
**Admira® Bond**

**One-component dentine and enamel bond ORMOCER® based**

**Indications**
Direct restoration with all types of light-curing restoratives (ORMOCER®s, composites, compomers)

**Advantages**
- ORMOCER® based
- High adhesion and long-lasting marginal tightness
- One component – one layer
- Universal for all light-curing restoratives

**Solobond M**

**Light-curing one-component dentine and enamel bond**

**Indications**
Direct restorations of all cavity classes with all light-curing restoratives

**Advantages**
- One component – one application
- Excellent adhesion
- High material elasticity and permanently tight margins
- "Stick-immediately-effect" for easy application of the restorative
- Universal for all light-curing restoratives

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**REF 2432** Bottle 2 × 4 ml

**REF 2479** Bottle 4 ml

*Not available in Canada*
<table>
<thead>
<tr>
<th>Page</th>
<th>Composites</th>
<th>Cavity class</th>
<th>Shade</th>
<th>Form of application</th>
<th>Material class</th>
<th>Material content [% w/w]</th>
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An overview of our glass ionomer restorative materials can be found on page 42.
Admira® Fusion 5

Universal nano-hybrid ORMOCER® restorative material with simplified shade system

Indications
- Class I to V restorations
- Base in class I and II cavities
- Reconstruction of traumatically damaged anteriors
- Facetting of discoloured anteriors
- Correction of shape and shade for improved aesthetic appearance
- Locking, splinting of loose teeth
- Repairing veneers, small enamel defects and temporary C&B-materials
- Extended fissure sealing
- Restoration of deciduous teeth
- Core build-up
- Composite inlays

Advantages
- Simplified shade system
  - all VITA® classical shades can be covered with just 5 Cluster-Shades – there is no need for multiple layering or an additional opaquer or blocker
  - significantly reducing your inventory
  - new resin matrix enables enhanced chameleon effect through optimised light scattering
- Universal
  - completely universal – for the highest demands in anterior and posterior regions
- Easy and fast handling
  - only 10 seconds light-curing for all shades
  - excellent sculptability, no sticking to the instrument
  - compatible with all conventional bondings
- Innovative ORMOCER® technology
  - purely ceramic-based filling material, as fillers and resin matrix based purely on silicon oxide
  - excellent biocompatible, as no classic monomers are contained (no Bis-GMA [BPA], TEGDMA, UDMA, etc.)
  - highly stable material as well by far the lowest polymerisation shrinkage (1.25 % by volume) and particularly low level of shrinkage stress in comparison to all conventional restorative composites

Cluster-Shade-System

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<tr>
<th>Admira Fusion 5</th>
<th>A1</th>
<th>A2</th>
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<th>A4</th>
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<td>C1</td>
<td>D2</td>
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<td></td>
<td>A4</td>
<td>C4</td>
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NEW

310% radiopacity
10 sec light-curing
5 shades

REF 6243 Trail pack
10 × 0.2 g Caps (2 each of × A1, A2, A3, A3.5, A4), 10 × Futurabond U SingleDose, shade card, accessories

REF 6225 Set Syringe 5 × 3 g (A1, A2, A3, A3.5, A4), shade card

REF 6235 Caps 75 × 0.2 g (15 each of × A1, A2, A3, A3.5, A4), shade card

Shade | Syringe 3 g | Caps 15 × 0.2 g
--- | --- | ---
A1   | REF 6227  | REF 6237  |
A2   | REF 6228  | REF 6238  |
A3   | REF 6229  | REF 6239  |
A3.5 | REF 6230  | REF 6240  |
A4   | REF 6231  | REF 6241  |

Not available in Canada

VITA teeth filled with Admira Fusion 5
(Cluster-Shade A3.5)
Admira® Fusion
Universal nano-hybrid ORMOCER® restorative material

**Indications**
- Class I to V restorations
- Base in class I and II cavities
- Reconstruction of traumatically damaged anteriors
- Facetting of discoloured anteriors
- Correction of shape and shade for improved aesthetic appearance
- Locking, splinting of loose teeth
- Repairing veneers, small enamel defects and temporary C&B-materials
- Extended fissure sealing
- Restoration of deciduous teeth
- Core build-up
- Composite inlays

**Advantages**
- The worldwide first purely ceramic-based restorative material
  - Pure Silicate Technology, i.e., fillers and resin matrix based purely on silicon oxide
  - contains no classic monomers (no Bis-GMA [BPA], TEGDMA, UDMA, etc.)
- Thanks to the most innovative ORMOCER® technology
  - by far the lowest polymerisation shrinkage (1.25 % by volume) and particularly low level of shrinkage stress in comparison to all conventional restorative composites
  - inert, so excellent biocompatible and extremely resistant to discolouration
- Completely universal – meeting highest demands in anterior and posterior regions
  - perfect coordination of translucence with opacity for natural results
  - the optimal selection of shades enables highly flexible working using either the single or multiple shade system
- Excellent handling, simple high-lustre polishing procedure coupled with high surface hardness guarantee first-class long-term results
- Compatible with all conventional bondings

**Clinical Case**

Insufficient amalgam restorations in teeth 46 and 47
Modeling of the material which is still malleable at this stage
Finished, polished restorations

Source: Dr. Sanzio Marques, Passos / Brazil
Admira® Fusion Flow
Flowable light-curing nano-hybrid ORMOCER® restorative material

Indications
- Filling of small cavities and extended fissure sealing
- Blocking out undercuts
- Lining or coating cavities
- Fillings of class III - V cavities
- Repairing fillings, veneers and temporary restorations
- Luting translucent prosthetic pieces
- Locking, splinting of loose teeth

Advantages
- The worldwide first purely ceramic-based flowable restorative material – pure Silicate Technology, i.e. fillers and resin matrix based purely on silicon oxide – contains no classic monomers
- Thanks to the most innovative ORMOCER® technology – extremely low polymerisation shrinkage (2.75 % by volume) and particularly low level of shrinkage stress in comparison to conventional flowable restorative composites – inert, so excellent biocompatible and extremely resistant to discolouration
- “Flow on demand” – the material becomes flowable only when under pressure or in motion. When the application has been completed, it is stable enough not to flow out of the cavity.
- Excellent surface affinity with complete wetting of the cavity walls
- VOCO’s patented, non-running and non-dripping NDT®-syringe ensures reliable and perfectly precise application. Undesirable loss of material is thus a thing of the past.
- 12 shades for aesthetic restorations – perfectly matching the shade range of the packable version, Admira Fusion
- Excellent handling, simple high-lustre polishing procedure coupled with high surface hardness guarantee first-class long-term results
- Compatible with all conventional bonding agents

Clinical Case
Mesial caries on tooth 12, disto-palatinal caries on tooth 11
Simple application and optimal wetting behaviour of Admira Fusion Flow
Outstanding result created with Admira Fusion Flow / Admira Fusion

Source: Dr. Walter Denner, Fulda / Germany
Admira® Fusion x-tra
Nano-hybrid ORMOCER® restorative material, 4 mm

Indications
Class I and II posterior restorations
Base in class I and II cavities
Class V restorations
Locking, splinting of loose teeth
Repairing veneers, small enamel defects and temporary C&B-materials
Extended fissure sealing
Restoration of deciduous teeth
Core build-up

Advantages
• Purely ceramic-based, bulk fill restorative material
• Fast and high-quality – reliable curing of 4 mm layers
• Thanks to the most innovative ORMOCER® technology
  – by far the lowest polymerisation shrinkage (1.25 % by volume) and particularly
  low level of shrinkage stress, providing optimal marginal integrity
  – inert, so excellent biocompatible and extremely resistant to discolouration
• Excellent handling, simple high-lustre polishing procedure coupled with high
  surface hardness guarantee first-class long-term results
• Universal shade with chameleon effect
• Compatible with all conventional bonding agents

Clinical Case
Insufficient composite restoration in tooth 45
Prepared cavity awaiting filling
Application of Admira Fusion x-tra in 4-mm layers

Functional and aesthetic final result

Source: Dr. Walter Denner, Fulda / Germany
Admira® Fusion x-base

Flowable nano-hybrid ORMOCER® base restorative material, 4 mm

**Indications**
- Base in class I and II cavities
- Cavity lining under direct restorative materials in class I and II cavities
- Small, non occlusal stress-bearing class I restorations according to minimally invasive filling therapy
- Class III and V restorations
- Extended fissure sealing
- Undercut blockout
- Repair of small enamel defects
- Repair of small defects in aesthetic indirect restorations
- Repair of temporary C&B-materials
- Core build-up

**Advantages**
- Purely ceramic-based
- Fast and high-quality – 4 mm restoration base in one simple step
- Thanks to the most innovative ORMOCER® technology
  - extremely low polymerisation shrinkage (2.5 % by volume) and particularly low level of shrinkage stress, providing optimal marginal integrity
  - inert, so excellent biocompatible and extremely resistant to discolouration
- Perfect surface affinity and excellent handling
- Compatible with all conventional bonding agents

**Clinical Case**
- Occlusal caries in tooth 36
- Cavity prepared for further procedure in accordance with the rules of adhesive filling therapy
- Selective etching of the tooth enamel
- Application of the bonding agent Futurabond M+
- Application of Admira Fusion x-base in 4-mm layers, followed by light-curing
- Covering with Admira Fusion, followed by light-curing
- Functional and aesthetic final result

Source: Prof. Dr. Jürgen Manhart, Munich / Germany
**Grandio®SO**

Universal nano-hybrid restorative material

**Indications**
- Fillings of class I to V cavities
- Reconstruction of traumatically damaged anteriors
- Facetting of discoloured anteriors
- Correction of shape and shade for improved aesthetic appearance
- Locking, splinting of loose teeth
- Repairing veneers
- Restoration of deciduous teeth
- Core build-up under crowns
- Composite inlays

**Advantages**
- Toothlike restorative for reliable restorations
- Very high filler content of 89 % w/w
- All-purpose for the highest demands in both the anterior and posterior tooth regions
- Excellent light resistance
- Optimal coordination of opacity and translucency for results that mirror the natural tooth using only one shade
- Smooth consistency, non-sticky, best sculptability
- Easily polishes to a high gloss – lasting, smooth surface
- Compatible with all conventional bonds

**Clinical Cases**

**SECTION 1**
- Fillings in 14, 15 in need of replacement due to secondary caries
- Insufficient composite fillings of teeth 11 and 21

**SECTION 2**
- 15 with the distal marginal ridge modelling complete
- Application of increments using GrandioSO A3.5

**SECTION 3**
- Completed restoration
- Completed restoration

Source: Dr. Walter Denner, Fulda / Germany
Source: Dr. Sanzio Marques, Passos / Brazil

REF 2600  Set syringe 5 × 4 g (A2, A3, A3.5, GA3.25, GA5), shade guide
REF 2640  Set Caps 80 × 0.25 g (16 each of A2, A3, A3.5, GA3.25, GA5), shade guide
REF 2607  Shade guide
REF 9301  Dispenser – Caps

**Restoratives (Composites)**
**Grandio®SO Light Flow**

Flowable nano-hybrid restorative material – low viscous

**Indications**
- Filling / characterisation of small cavities
- Filling / characterisation of class III, IV and V cavities
- Extended fissure sealing
- Blocking out undercuts
- Lining or coating cavities
- Repairing fillings, veneers and temporary restorations
- Luting translucent prosthetic pieces

**Advantages**
- Low viscosity – outstanding flow properties and therefore optimally suitable for hard-to-reach areas and small cavities
- Extra-fine cannula – for precise and pinpoint application, dosage without excess residues
- High performance – excellent physical properties, e.g. filler content of 76 % by weight
- High aesthetics – 8 shades for individualised applications
- Excellent handling – NDT-syringe – non-drip, compatible with all light-curing bonding materials

---

**Grandio®SO Flow**

Flowable universal nano-hybrid restorative material

**Indications**
- Fillings of class I to V cavities
- Minimally invasive filling therapy
- Extended fissure sealing
- Blocking out undercuts
- Lining or coating cavities
- Repairing fillings and veneers
- Luting translucent prosthetic pieces (e.g., full ceramic crowns, etc.)
- Interlocking and splinting teeth (e.g., with glass fibre strands)
- Use as a base material in combination with glass fibres or similar products for fabricating semi-permanent crowns and bridges

**Advantages**
- Medium viscous flow composite, i.e. outstanding flow behaviour with complete wetting of the cavity walls
- Universal application – for indication-appropriate treatment of all cavity classes
- Physical properties superior to those of various other packable materials, e.g. hardness, stability, abrasion resistance
- Very high filler content of over 80 % w/w
- Safe and precise application
- 13 shades for aesthetic restorations – perfectly coordinated with GrandioSO
Grandio®SO Heavy Flow
Flowable universal nano-hybrid restorative material – highly viscous

Indications
Fillings of class I to V cavities
Minimally invasive filling therapy
Extended fissure sealing
Blocking out undercuts
Lining or coating cavities
Repairing fillings and veneers
Luting translucent prosthetic pieces (e.g., full ceramic crowns, etc.)
Interlocking and splinting teeth (e.g., with glass fibre strands)
Use as a base material in combination with glass fibres or similar products for fabricating semi-permanent crowns and bridges

Advantages
• Increased stability in comparison to conventional flowables, i.e. no undesirable runoff
• Universal application – for indication-appropriate treatment of all cavity classes
• Physical properties superior to those of various other packable materials, e.g. hardness, stability, abrasion resistance
• Very high filler content of 83 % w/w
• Precise application with complete wetting of the cavity walls
• Precise dosing without excess for time-saving work
• Undercuts, approximal boxes and paragingival areas can be easily filled
• Ideal for use in combination with GrandTEC
• 13 shades for aesthetic restorations – perfectly coordinated with GrandioSO
• High shade stability
• Very good polishability and durable brilliance
• Available in the non-dripping NDT®-syringe and in Flow-Caps with flexible metal cannulae

Clinical Case
Typical V-shaped cervical defect on 13
Application of GrandioSO Heavy Flow after conditioning and bonding
Restoration immediately after polishing

Source: Dr. Walter Denner, Fulda / Germany
**Grandio®SO x-tra**

**Aesthetic nano-hybrid bulk restorative material**

**Indications**
- Class I and II posterior restorations
- Base in class I and II cavities
- Class V restorations
- Locking, splinting of loose teeth
- Repairing veneers, enamel defects and temporary C&B-materials
- Extended fissure sealing
- Restoration of deciduous teeth
- Core build-up

**Advantages**
- Quick and aesthetic posterior restorations
- Higher level of hardness than other bulk fill composites – on the surface, as well as at a depth of 4 mm
- Very high filler content (86 % w/w) and extremely low polymerisation shrinkage (1.4 % by volume)
- In shades A1, A2, A3 and universal
- High shade stability
- Excellent handling and simple high-lustre polishing procedure

**Shade**
- Universal
- A1
- A2
- A3

<table>
<thead>
<tr>
<th>Shade</th>
<th>Caps 16 x 0.25 g</th>
</tr>
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<tbody>
<tr>
<td>Universal</td>
<td>REF 2714</td>
</tr>
<tr>
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<td>REF 2715</td>
</tr>
<tr>
<td>A2</td>
<td>REF 2716</td>
</tr>
<tr>
<td>A3</td>
<td>REF 2717</td>
</tr>
</tbody>
</table>

**GrandTEC®**

**Resin-impregnated light-curing glass fibre strands for dental adhesive technique**

**Indications**
- Stabilisation of teeth
  - after orthodontic therapy
  - after periodontal therapy
- For support in trauma therapy
  - locking and splinting avulsed or loose teeth
  - fragment fixation after fracture
- For reinforcing / fabricating provisional bridges made from composite and temporary C&B-materials
- For temporary treatment after extraction and replacing a missing tooth using an artificial tooth
- For temporary or semi-permanent treatment of a tooth space using an extracted, natural tooth
- For temporary treatment after placing an implant during the osseointegration of the implant

**Advantages**
- Additional product for reinforcing composite / flow composite in traumatology, periodontics, orthodontics, conservative dentistry and prosthodontics

**Shade**
- Universal
- A1
- A2
- A3

<table>
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<tr>
<th>Shade</th>
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<td>Universal</td>
<td>REF 2714</td>
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<td>A1</td>
<td>REF 2715</td>
</tr>
<tr>
<td>A2</td>
<td>REF 2716</td>
</tr>
<tr>
<td>A3</td>
<td>REF 2717</td>
</tr>
</tbody>
</table>

**Glass fibre strands 5 x 55 mm**

<table>
<thead>
<tr>
<th>Ref</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1168</td>
<td>Glass fibre strands 5 x 55 mm</td>
</tr>
<tr>
<td>1169</td>
<td>Test Kit 5 glass fibre strands 55 mm each, model, application aids, GrandioSO Heavy Flow syringe 2 x 2 g A3, accessories</td>
</tr>
</tbody>
</table>
VisCalor® bulk
Thermoviscous bulk fill composite

Indications
Class I and II posterior restorations
Base in class I and II cavities
Class V restorations
Locking, splinting of loose teeth
Repairing veneers, enamel defects and temporary C&B-materials
Extended fissure sealing
Restoration of deciduous teeth
Core build-up

Advantages
• Warming of the material makes it flowable for the application and then sculptable immediately afterwards (thermoviscous technology)
• Optimal flowing to margins and undercut regions – minimises risk of marginal gaps
• 4 mm bulk fill without covering layers
• Bubble-free application
• One universal and three aesthetic shades
• Slender cannula – ideal for hard-to-reach areas

Clinical Case
Cleaned cavities
Applying the heated VisCalor bulk with its superb creamy consistency and slender cannula
Adapting the sculptable VisCalor bulk

Source: Dr. Fernando Feitosa, Americana / Brazil
Grandio®
Universal nano-hybrid restorative material

Indications
Class I to V fillings
Reconstruction of traumatically affected anteriors
Facetting of discoloured anteriors
Correction of shape and shade for better aesthetic appearance
Locking, splinting of loose teeth
Repairing veneers
Filling deciduous teeth
Core-build-up under crowns
Composite inlays

Advantages
• Excellent physical properties for long-lasting restorations
• Significantly lower polymerisation shrinkage than conventional composites
• High filler content of 87 % w/w
• Extremely high abrasion resistance
• High transverse strength
• Smooth consistency for convenient handling
• Excellent aesthetics
• Can be used with all dentine / enamel bonding agents
• Available in 16 shades
• Shade guide made from original material

Clinical Case
Initial situation
Preparation and Grandio Flow liner
Completed restoration with Grandio

Source: Dr. Marcelo Balsamo, São Paulo / Brazil
Grandio® Flow
Flowable universal nano-hybrid restorative material

**Indications**
- Filling minimally invasive cavities of all classes
- Filling small class I cavities and extended fissure sealing
- Filling class II - V cavities including V-shaped defects and cervical caries
- Blocking out undercuts
- Lining or coating cavities
- Repairing fillings and veneers
- Luting translucent prosthetic pieces (e.g. full ceramic crowns, etc.)

**Advantages**
- Optimal flowability
- High filler content of 80 % w/w
- Exact shade match to Grandio
- Excellent wetting properties
- Microhybrid composite – like physical properties
- Significantly lower polymerisation shrinkage than conventional flowables
- Very good abrasion resistance
- High transverse strength
- Can be used with all conventional bonding agents
- The shades BL (bleach light) and WO (white opaque) fulfil special indications: Bleach light is suited for bleached teeth and for use in paediatric dentistry. The shade white opaque makes an ideal restoration base on e.g. discoloured dentine areas and in core build-up

Grandio® Flow in the NDT®-syringe
- NDT® means non-dripping-technology
- Especially for fine-flowing materials
- Can be dosed and applied precisely
- Without any loss of material
Amaris® · Amaris® Flow

Highly aesthetic light-curing restorative material

Indications
Aesthetic restoration of class III, IV and V cavities in anterior teeth
Aesthetic restoration of class I, II and V cavities in posterior teeth
Reconstruction of traumatically damaged anterior teeth
Direct and indirect composite veneers and facing of discoloured anterior teeth
Shape and shade correction for improved aesthetics
Repairing highly aesthetic porcelain, e.g. veneers
Splanting of anterior teeth

Advantages
• Two simple steps, perfect results
• Layering like in nature: shades are created from the inside of the tooth
• Simple and precise shade match
• Natural shade transitions automatically
• Natural aesthetics can be achieved with only 11 shades in a simple layer technique
• Easy to learn, fast aesthetic results
• Intuitive approach, no preconceived shades
• Non-sticky consistency is ideal for modelling and shaping
• Long resistance to ambient and chair light
• Optimal polishability
• Natural fluorescence and high colour stability
• Good chameleon effect for invisible restorations

Advantages Amaris® Flow
• The ideal addition to Amaris
• Simple modelling of the incisal edge
• Easy wetting
• Fine cannula allows to apply small amounts

Clinical Case
Insufficient mod composite restoration in tooth 25
Incremental layers of opaque dentine base shade
Final layer with translucent enamel shade

Source: Dr. Andreas Braun, Dr. Felix Krause, Bonn / Germany
Amaris® Gingiva

Highly aesthetic light-curing restorative material in gingiva shades

**Indications**
- Class V restorations (cervical caries, root erosion, V-shaped defects) especially in cases of retreating gingiva e.g. as a result of periodontic disease
- Covering of exposed discoloured hypersensitive cervical areas, especially in the visible anterior area
- Highly aesthetic correction of malpositions of teeth, for direct veneers, facings and corrections of the red-white aesthetics

**Advantages**
- One base shade, combined with three mixable opaquers, can reproduce almost all gingival shades
- Aesthetic and functional solution for cavities and V-shaped defects in cervical areas exposed by gingival recession
- Latest composite technology – Amaris know-how in gingiva shades

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FinalTouch®

Light-curing characterisation material

**Indications**
- Personalised characterisation of direct and indirect composite restorations
- Masking of tooth discolourations
- Characterisation of chairside CAD / CAM veneers

**Advantages**
- Reproduction of enamel characteristics
- Perfect extension of VOCO’s range of composite and ORMOCER® restorative materials
- Excellent handling for high-aesthetic results
- Fine material structure and homogeneous consistency for accurate application
- In the non-dripping NDT®-syringe
- 5 colours with opacity corresponding to the area of application

---

![Not available in Canada](image)
x-tra base®
Flowable light-curing base composite

Indications
Base in class I and II cavities
Cavity lining under direct restorative materials in class I and II cavities
Small, non occlusal stress-bearing class I restorations according to minimally invasive filling therapy
Class III and V restorations
Extended fissure sealing
Undercut block out
Repair of small enamel defects
Repair of small defects in aesthetic indirect restorations
Repair of temporary C&B-materials
Core build-up

Advantages
- 4 mm restoration base in one simple step
- Cures reliably in only 10 seconds (shade universal)
- Perfect surface affinity for outstanding adaption
- Low shrinkage stress
- High level of radiopacity (350 % Al)
- Self-levelling
- Can be combined with any methacrylate-based bonding or composite
- The non-dripping NDT®-syringe or convenient Flow-Caps with bendable metal cannulae ensure a reliable, precisely accurate application

Application
A fully prepared cavity
Coating of the cavity walls with Futurabond DC
Start at the deepest point in the cavity ...
... and fill up to 4 mm with x-tra base
Apply a 2 mm occlusal layer of GrandioSO
Finished restoration
**x-tra fil®**

Light-curing posterior filling material

**Indications**

Class I and II posterior fillings  
Core build-up

**Advantages**

- Curing depth 4 mm  
- Curing time only 10 s  
- Universal shade  
- Long-lasting and economic  
- Reduced working time, especially in combination with any Futurabond SingleDose adhesive  
- Easy handling  
- Excellent physical properties

**Clinical Cases**

![Initial situation](image1)

Initial situation  
Dr. Tomislav Skrinjaric, Croatia

![Final result](image2)

Final result  
Dr. Tomislav Skrinjaric, Croatia

Tooth 26 with an amalgam restoration in need of replacement  
The glistening surface indicates excellent wetting with the bond before polymerisation  
Modeling the marginal ridge against the matrix

Filling the cavity in 4 mm increments  
Filling the palatal cavity  
Finished treatment with x-tra fil

**Ref 1739** Syringe 10 × 5 g  
**Ref 1740** Syringe 5 g  
**Ref 1741** Caps 20 × 0.25 g  
**Ref 9301** Dispenser – Caps

"The excellent physical properties of x-tra fil enable me to offer my patients a durable posterior restoration. Especially the quick application fascinated me. Due to its excellent chameleon effect, x-tra fil offers an incredibly good colour adaptation to the tooth structure."

Dr. Tomislav Skrinjaric, Croatia

Source: Prof. Dr. Jürgen Manhart, Munich / Germany
Alfacomp LC

Light-curing build-up and restorative material for the posterior tooth area

Indications
- Class I and II restorative treatment in the posterior region
- Core build-up

Advantages
- Visible differentiation between restorations and tooth hard substance through grey colouring
- Simple application yet excellent physical properties
- High level of radiopacity
- Can be used with any light-curing dentine / enamel bonding agent

AlignerFlow LC

Fluorescent composite for aligner attachments

Indications
- Fabrication of aligner attachments
- Retention of aligners
- Bonding of lingual retainers
- Occlusal build-ups

Advantages
- Secure grinding and removal under UV-A light
- Precise application with perfect flow
- Light-curing through the transparent template
- Stable and abrasion resistant throughout the entire treatment period
- Pleasant aesthetic in tooth shades

Application
- Application of AlignerFlow LC into the template
- Finished attachments
- Treatment completion: residues are visible under UV-A light
Polofil® Supra
Light-curing micro-hybrid restorative material

Indications
For cavities classes I to V
Reconstruction of traumatically affected anteriors
Veneering of discoloured anteriors
Splinting, locking of teeth

Advantages
• Combines the advantages of micro-filled and macro-filled composites
• Non-sticky, good packability
• Abrasion-proof and stable shades
• Low shrinkage
• Durable and resistant restorations
• Low water uptake

Twinky Star® · Twinky Star® Flow
Coloured light-curing compomer restorative material with glitter effect

Indications
Fillings in deciduous teeth

Advantages
• Eight attractive colours with glitter effect
• Easy and quick application from Caps
• Outstanding polishability
• Based on the proven VOCO compomer technology
• Shade guide with original material
• Parents can more easily motivate children to see the dentist
• Children overcome their anxiety
• Target group marketing tools available

Coloured Twinky Star fillings in deciduous teeth
An overview of our composite restorative materials can be found on page 23.

**Restoratives (Glass ionomer materials)**

<table>
<thead>
<tr>
<th>Material</th>
<th>Class I</th>
<th>Class II</th>
<th>Class III</th>
<th>Class IV</th>
<th>Class V</th>
<th>Class VI</th>
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<tbody>
<tr>
<td>IonoStar Plus capsule</td>
<td>Fast-setting glass ionomer restorative material</td>
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<tr>
<td>IonoStar Molar capsule</td>
<td>Glass ionomer restorative material</td>
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<tr>
<td>Voco Ionofil Molar AC Quick capsule</td>
<td>Fast-setting glass ionomer restorative material</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Voco Ionofil Molar handmix</td>
<td>Glass ionomer restorative material</td>
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<tr>
<td>Aqua Ionofil Plus handmix</td>
<td>Water-mixable glass ionomer restorative material</td>
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</tr>
<tr>
<td>Ionoseal syringe, tube</td>
<td>Glass ionomer restorative cement</td>
<td>Light-curing:</td>
<td>20 s / 1 mm</td>
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<td></td>
<td></td>
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<tr>
<td>Ionolux capsule</td>
<td>Glass ionomer restorative material</td>
<td>Light-curing:</td>
<td>&gt; 2.5 s / 2 mm</td>
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<td>Ionolux handmix</td>
<td>Glass ionomer restorative material</td>
<td>Light-curing:</td>
<td>&gt; 3 s / 2 mm</td>
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</table>
Ionolux®
Light-curing glass ionomer restorative material

Indications
Class III and V restorations, primarily cervical fillings and root caries
Restoration of deciduous teeth
Small class I fillings
Temporary fillings
Core build-up
Lining

Advantages
• Excellent working time – setting time individually adjustable by light-curing
• No need for conditioning of dental hard tissue
• Immediately packable after placement in the cavity
• Does not stick to the instrument, easy to model
• Fill, polymerise and finish – no varnish required
• Fluoride release
• Radiopaque
• A suitable alternative to the CBF technique (composite bonded to flow) in deep cavities

Clinical Cases
Case 1
Tooth 35 with cervical defect
Tooth 35 immediately after treatment
Source: Dr. Isma Goltz, Bremen / Germany

Case 2
Teeth 16, 15 after excavation
Subsequent treatment with Ionolux
Source: Prof. Hervé Tassery, PU-PH, Marseille / France
Indications
Restorations of non occlusion-bearing class I cavities
Semi-permanent restorations of class I and II cavities
Restorations of cervical lesions, class V cavities, root caries
Restorations of class III cavities
Restoration of deciduous teeth
Base / liner
Core build-up
Temporary restorations
Extended fissure sealing

Advantages
• Perfect marginal adaptation and packability in one product, thanks to a change in viscosity during application
• Fast setting time of only 2 minutes from placement of the filling
• The first glass ionomer material with tooth-like fluorescence
• High level of fluoride release
• The new capsule design reaches smaller cavities and difficult-to access areas of the mouth
• High compressive strength and abrasion resistance

Clinical Case
Defects on teeth 24 and 25
Application of IonoStar Plus
Packable viscosity

Source: Dr. Walter Denner, Fulda / Germany
IonoStar® Molar
Glass ionomer restorative material

Indications
Restorations of non occlusion-bearing class I cavities
Semi-permanent restorations of class I and II cavities
Restorations of cervical lesions, class V cavities, root caries
Restorations of class III cavities
Restoration of deciduous teeth
Base / liner
Core build-up
Temporary restorations

Advantages
• Variable mixing time for adjustment of consistency
• Perfect marginal adaptation and easy application
• Can be modelled immediately after insertion without sticking to the instrument
• In VOCO’s new application capsule, easy activation without activator
• The new capsule design reaches smaller cavities and difficult-to-access areas in the mouth
• High compressive strength and abrasion resistance

Clinical Case

Initial situation tooth 26: secondary caries in the marginal areas and below the occlusal restorations
Cavity displaying deep caries; preparation including a tunnel to the mesial surface
Application of IonoStar Molar (A3)

Finishing with a fine diamond bur
Adhesive to seal and protect the surface of the glass ionomer
Finished filling after removal of the rubber dam

Source: Dr. Sanzio Marques, Passos / Brazil
**VOCO Ionofil® Molar AC Quick**

*Fast-setting glass ionomer restorative material*

**Indications**
- Restorations of class II cavities (not occlusion-bearing)
- Temporary long-term treatment of class I and II cavities
- Build-up fillings and linings
- Core build-up
- Restoration of deciduous teeth
- Restoration of V-shaped defects and cervical enamel or root erosions including class V cavities

**Advantages**
- Very good packability
- Non-sticky consistency
- Very high abrasion resistance, compressive and transverse strength
- Stable fillings without marginal gaps
- Continuous high fluoride release
- Biocompatible
- Tooth-like aesthetic translucency
- A setting time of only 2.5 minutes makes VOCO Ionofil Molar AC Quick the perfect material for the treatment of children and impatient patients
- Good aesthetics in three shades

**VOCO Ionofil® Molar**

*Glass ionomer restorative material*

**Indications**
- Restorations of class II cavities (not occlusion-bearing)
- Temporary long-term treatment of class I and II cavities
- Build-up fillings and linings
- Core build-up
- Restoration of deciduous teeth
- Restoration of V-shaped defects and cervical enamel or root erosions including class V cavities

**Advantages**
- Very good packability
- Non-sticky consistency
- Very high abrasion resistance, compressive and transverse strength
- Good adhesion to dentine and enamel
- Very durable fillings
- Continuous high fluoride release
- Radiopaque
- Biocompatible
- Tooth-like aesthetic translucency

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**Reference Codes**

- REF 1634 Application capsule 48 pcs. A2
- REF 1632 Application capsule 48 pcs. A3
- REF 1241 Final Varnish LC bottle 2 x 3 ml
- REF 2331 Applicator – AC type 1
- REF 9300 Activator – AC
Aqua Ionofil Plus

Water-mixable glass ionomer restorative material

**Indications**
- Restoration of deciduous teeth
- Restoration of V-shaped defects and cervical enamel or root erosions including class V cavities
- Restoration of cavities caused by carious lesions
- Restorations of class III cavities and small class I cavities
- Extended fissure sealing
- Build-up fillings and linings

**Advantages**
- Improved glass ionomer technology
- Good aesthetics
- Simply mixed with water
- No danger of overacidification
- Spreadable consistency
- Good marginal adaptation

---

Easy Glaze®

Nano-filled light-curing coating for surface sealing

**Indications**
- Surface sealing of provisional crowns and bridges, glass ionomer restorations and definitive composite restorations
- Protecting glass ionomer surfaces against the effects of moisture and dehydration immediately after placement
- Sealing glass ionomer liners / build-up restorations before taking impressions
- Sealing and protecting the adhesive interfaces between restoration and tooth structure

**Advantages**
- Glossy and aesthetic surfaces
- Easy to use
- Provides protection against discolouration

**In combination with VOCO Ionofil® Molar and IonoStar®**
- Protects against moisture and dehydration immediately after filling placement
- Tooth-like fluorescence
- Natural gloss

---

**Indirect Restoration**

- Devices - Various
- Indirect Restoration
- Orals

**Restoratives**

- Glass ionomer materials
- Restoratives (Composites)
- Bonding
- Restoratives (ORMOCER®)
- Direct Restoration

---

**Ref 1511** Powder 15 g A3

**Ref 1016** Bottle 5 ml, accessories

**Ref 2245** Easy Brush, application brushes, 50 pcs.

**Ref 2315** Mixing palettes, 20 pcs.

Not available in Canada
Indirect Restoration

Naturally, our portfolio offers you the full spectrum of indirect restoration materials: resin-reinforced glass ionomer cements, composite-based luting systems, highly aesthetic material for the fabrication of provisional crowns and bridges, glass fibre-reinforced composite posts and material for repairing ceramic restorations.

CAD / CAM users wishing to create crowns and bridges chairside will also find the ideal material basis in VOCO’s blocks and discs.

For 3D printing work we recommend our perfectly coordinated materials for additive printing of objects.
V-Print® splint
Light-curing resin for the generative production of dental, therapeutic splints

**Indications**
- Therapeutic splints
- Auxiliary parts and functional parts for diagnostics
- Bleaching splints (home bleaching)

**Advantages**
- **Classified as MD IIa** – for safety and long-term therapy use
- **Biocompatible and flavourless** – for excellent customer acceptance
- **Transparent** – for hardly noticeable splints
- **High flexural strength** – for long-lasting objects
- **High precision** – a great fit for good wearing comfort

---

V-Print® splint comfort
Light-curing resin for the generative production of thermoflexible dental, therapeutic splints

**Indications**
- Therapeutic splints
- Auxiliary and functional parts for diagnostics
- Bleaching splints (home bleaching)
- Palatal plates

**Advantages**
- **Highly flexible and abrasion-resistant** – extremely fracture-resistant and durable
- **Thermoflexible and flavourless** – for excellent wearing comfort
- **Transparent** – for hardly visible splints
- **Low-odour and easy to polish** – for pleasant processing
- **Biocompatible and flavourless**
- **Classified as MD IIa**
**V-Print® SG**

**Light-curing resin for the generative production of dental drilling templates**

**Indications**
Dental drilling templates

**Advantages**
- **Classified as MD IIa** – for optimal safety
- **High customer acceptance** – flavourless and odourless
- **Optimum patient safety** – can be steam sterilised at 134°C for 5 minutes before use
- **Dimensionally stable** – perfect fit even after steam sterilisation
- **Biocompatible** – that goes without saying

**V-Print® model fast**

**Light-curing resin for the generative production of fast printable models, especially for the dental thermoforming technique**

**Indications**
Dental models

**Advantages**
- **Saves time** – for rapid printing in high layer thicknesses with no loss of quality
- **Suitable for thermoforming technique** – temperature-resistant as the basis for fabrication of aligner and retainer splints
- **High strength and minimum wastage** – the high strength allows material-efficient hollowing of the models

**V-Print® model 2.0**

**Light-curing resin for the generative production of dental models**

**Indications**
Dental working and presentation models

**Advantages**
- **Precisely grindable** – no unwanted changes on the workpiece (e.g. due to instrumental heat input)
- **Scratch-resistant surface** – high hardness enables fitting without deformation
- **Suitable for thermoforming technique** – precise working, aligner or retainer models from one material without changing the vat

All print partners can be found here: [www.voco.dental/3dprintingpartners](http://www.voco.dental/3dprintingpartners)
V-Print® Try-In
Light-curing resin for the generative production of try-ins for prosthetics

Indications
Try-ins for full and partial dentures
Transfer and grinding templates
Correction and occlusal impressions

Advantages
• Advance checks – verifying and, if necessary, adapting the fit, occlusion, function, phonation and aesthetics before the permanent denture is fabricated

V-Print® tray
Light-curing resin for the generative production of individual trays, base plates and occlusal registrations

Indications
Individual impression and function trays
Bases for bite templates and wax assemblies for full dentures
Occlusal registrations

Advantages
• Saves time – printable in high layer thicknesses (up to 200 μm)
• Distortion-free impressions – thanks to very strong material
• Universal – can be used with all types of impression material
• Fast and efficient – object printing including shaping of margins, retention elements and recesses for implant impressions

V-Print® cast
Light-curing resin for the generative production of burn-out objects for casting and pressing processes

Indications
Production of objects which can be burned out without leaving any residues for casting processes and press ceramics

Advantages
• Reproducible – simple duplication before casting
• Quick finishing – precision-printed objects give high quality of reproduction
• High dimensional stability and edge strength – reliable checking of the occlusion and lateral movements
• Finishing at an early stage – instrument-friendly finishing of objects even in the green state
• Excellent compatibility – can be used with commercially available, phosphate-bonded investment materials
• Restorations free of impurities – V-Print cast burns out without residues
V-Print® c&b temp

Light-curing resin for the generative production of highly aesthetic temporaries / long-term temporaries

**Indications**

Long-term temporaries like crowns, bridges and mock-ups

**Advantages**

- High-filled printing material – especially for long-term application
- Excellent physical properties:
  - High flexural strength and moduls of elasticity for stable temporaries
  - High abrasion resistance for long wearing time
- Natural fluorescence – for high aesthetic demands
- Easy to process and polish
- Composite printing material – quick to characterise or adapt
- Low water absorption and solubility for mechanical stability
- Discolouration resistant – no discolouration with long wearing time
- Natural fluorescence – for high aesthetic demands
- Easy to process and polish
- Composite printing material – quick to characterise or adapt
- Low water absorption and solubility for mechanical stability
- Discolouration resistant – no discolouration with long wearing time

REF 6897 Bottle 500 g A1
REF 6898 Bottle 500 g A2
REF 6899 Bottle 500 g A3
Not available in Canada

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V-Print® dentbase

Light-curing resin for the generative production of denture bases for removable dentures

**Indications**

Removable denture bases

**Advantages**

- Classified as MD IIa – for safety and long-term use
- Highly aesthetic – with natural gingiva colour
- High wearing comfort – thanks to precise, custom-fit fabrication
- Compatible – with commercially available lining materials
- Safe removal from the build platform – thanks to high green strength
- Optimal customer acceptance – flavourless and odourless
- Biocompatible – that goes without saying

REF 6048 Bottle 1000 g pink

NEW
Structur CAD

**CAD / CAM composite for temporary restorations**

**Indications**
Temporary bridges spanning up to two pontics
Temporary abutment crowns
Temporary crowns

**Advantages**
- Fast and efficient CAD / CAM production of precision-fit temporary restorations
- Highest quality and aesthetics for prolonged, safe wear – especially suitable for long-term provisional and semi-permanent restorations
- Excellent edge stability
- Effortless intraoral as well as extraoral polishing and Individualisation
- No need to use an MMA primer

**Size disc**

**Size block**

**Clinical case**

Unsatisfactory initial situation
Initial situation – close-up
CAD / CAM bridge on the model

Structur CAD after insertion

**Source:** Dr. Felipe Araujo, Brazil
Grandio® blocs
Nano-ceramic hybrid CAD / CAM blocs

Indications
Crowns, inlays, onlays, veneers
Implant supported crowns

Advantages
- Highest filler content (86 % w/w)
- Resembles natural teeth perfectly
- Excellent physical values for flexural strength and abrasion
- No firing required
- Can be processed using any conventional milling unit
- Can be polished and repaired optimally
- Ideal for milling even in cases with thin edges
- Based on the nano-hybrid technology

Sizes blocs

No. 14L

No. 12

Clinical Case

Initial situation  Prepared cores  View after 6 months

Source: Prof. Breno de Mont’Alverne, Brazil
Grandio® disc

Nano-ceramic hybrid CAD / CAM disc

Indications
Crowns, inlays, onlays, veneers
Implant supported crowns

Advantages
- Highest filler content (86 % w/w)
- Resembles natural teeth perfectly
- Excellent physical values for flexural strength and abrasion
- No firing required
- Highly aesthetic due to multicolor shades - ideal for the anterior region
- Can be processed using any conventional milling unit
- Can be polished and repaired optimally
- Ideal for milling even in cases with thin edges
- Based on the nano-hybrid technology

Size disc

Invisible Layer Technology – the natural tooth gradient with only three layers in the Grandio disc multicolor

The restoration material is divided into three layers: one for the incisal area, one for the basic tooth colour (dentine layer) and one for the cervical area. The colouring of the Grandio disc multicolor makes the restoration look very vital, which is achieved with just these three layers due to the material properties.
**CediTEC® DT**

**CAD / CAM composite for denture teeth**

**Indications**
Prosthetic teeth and tooth sections up to complete dental arches for removable dentures

**Advantages**
- Cured composite for high quality and durable denture teeth
- Translucent shade and high fluorescence for natural aesthetics
- Production of individual, accurately fitting denture teeth, reproducible at any time
- Effortless polishing for a natural gloss
- Easy to individualize without using an MMA primer
- Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system

**CediTEC®**

**Luting system for denture teeth in denture bases**

**Indications**
Luting of prefabricated prosthetic teeth and CAD / CAM-produced individual teeth and tooth sections in CAD / CAM-produced denture bases
Luting of prosthetic teeth in the scope of a repair or extension

**Advantages**
- Error- and bubble-free mixing
- Only the material quantity actually required is mixed
- Easy and direct application
- Subsequent additions possible
- Also usable for other systems and conventional PMMA
- Aesthetic, precise, individual – dentures made with the CediTEC / V-Print dentbase system

---

**List of devices**

- REF 6085 Disc A1 20 mm, ø 98 mm
- REF 6086 Disc A2 20 mm, ø 98 mm
- REF 6087 Disc A3 20 mm, ø 98 mm
- REF 6088 Disc BL 20 mm, ø 98 mm
- REF 6082 Set cartridge 80 g CediTEC Adhesive, bottle 4 ml CediTEC Primer, accessories
- REF 2202 Mixing tips type 20, 50 pcs.
- REF 2245 Easy Brush, application brushes, 50 pcs.

The list of devices is continually extended and can be found at [www.voco.dental/devicesceditecdt](http://www.voco.dental/devicesceditecdt)
CediTEC® DB

High-impact PMMA for the fabrication of denture bases for removable dentures

Indications
Fabrication of denture bases for removable dentures

Advantages
• PMMA with high impact resistance and strength for a long time wearing period
• High-quality denture bases, reproducible at any time
• Three shades for an aesthetic result
• Very good polishability – individualisations possible at any time
• Aesthetic, precise, individual – dentures with the CediTEC System

Alternative:
V-Print dentbase for generative production of denture bases for removable dentures
(see page 52)

CAD / CAM system for individual dentures

Detached milled dental arches from the CediTEC DT disc

3D-printed denture base made of V-Print dentbase on the build area or the milling material CediTEC DB

Denture bases and teeth directly after fabrication, prepared for luting

Apply CediTEC Adhesive into the dental cavities and insert single teeth and/or tooth segments directly

Finished and individualised full denture

Front view

REF 6195 Disc pink 30 mm, ø 98 mm
REF 6196 Disc dark-pink 30 mm, ø 98 mm
REF 6197 Disc orange-pink 30 mm, ø 98 mm
Not available in Canada
<table>
<thead>
<tr>
<th>Luting Material</th>
<th>Gypsum Type</th>
<th>Presentation</th>
<th>Material Type</th>
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<tr>
<td><strong>Luting</strong></td>
<td><strong>Gypsum</strong></td>
<td><strong>Presentation</strong></td>
<td><strong>Material Type</strong></td>
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<tr>
<td>Bifix SE</td>
<td>QuickMix</td>
<td>Syringe</td>
<td>Composite</td>
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<tr>
<td>Bifix QM</td>
<td>QuickMix</td>
<td>Syringe</td>
<td>Composite</td>
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<tr>
<td>Bifix Hybrid</td>
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<td>Syringe</td>
<td>Composite</td>
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<tr>
<td>Meron Plus</td>
<td>QM</td>
<td>Resin reinforced</td>
<td>GIC</td>
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<tr>
<td>Meron GIC1</td>
<td>Capsule</td>
<td>Handmix</td>
<td>Resin reinforced</td>
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<tr>
<td>Aqua Meron GIC1</td>
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<td>Handmix</td>
<td>Resin reinforced</td>
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<td>Aqua Meron GIC1</td>
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<td>Handmix</td>
<td>Resin reinforced</td>
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<td>Aqua Meron GIC1</td>
<td>Capsule</td>
<td>Handmix</td>
<td>Resin reinforced</td>
</tr>
<tr>
<td>Quick Up composite</td>
<td>QuickMix</td>
<td>Syringe</td>
<td>Composite</td>
</tr>
<tr>
<td>Rebilda DC composite</td>
<td>QuickMix</td>
<td>Syringe / cartridge</td>
<td>Composite</td>
</tr>
<tr>
<td>Grandio Core Dual Cure</td>
<td>QuickMix</td>
<td>Syringe</td>
<td>Composite</td>
</tr>
</tbody>
</table>
**Bifix® SE**

Dual-curing self-adhesive composite-based luting system

**Indications**

Definitive luting of inlays, onlays, crowns and bridges (not Maryland bridges) made from ceramic, zirconium dioxide, composites and metal

Definitive luting of metal, ceramic, zirconium dioxide and fibre-reinforced posts

**Advantages**

- Secure adhesion to tooth and restoration
- Fast working: no etching, no bonding
- Odourless
- Easy handling
- Long-term durability
- Simple removal of excess material
- Minimal film thickness of 10 μm for precisely fitted luting without elevating the bite
- Also suitable for zirconium dioxide
- Endo-mixing tips in each package – for the most precise application even in the root canal

**Application**

Easy excess removal during gel-phase. Tack-cure Bifix SE using the curing light for 1 - 2 seconds per surface. The excess gel-like material is easily removable, e.g. with a scaler.
Bifix® QM
Dual-curing universal composite-based luting system

**Indications**
Adhesive luting of inlays, onlays, veneers, crowns, partial crowns, bridges, root posts and adhesive bridges (Maryland bridges)

**Advantages**
- For all materials (metal, composite inlays and ceramic, also zirconium dioxide)
- Bubble-free perfect mixing
- Direct application
- Excellent adhesion to dentine, enamel and to metals
- Special one-step Ceramic Bond for optimal adhesion to porcelain
- Radiopaque
- Available in three shades
- Available as an all-in-one set

**REF** 2410 Set QuickMix syringe 10 g U (universal), Futurabond DC bottle 4 ml each of liquid 1 and 2, Ceramic Bond bottle 5 ml, accessories
**REF** 2411 QuickMix syringe 10 g universal, accessories
**REF** 2412 QuickMix syringe 10 g transparent, accessories
**REF** 2413 QuickMix syringe 10 g white-opaque, accessories
**REF** 2261 Dispenser – QuickMix
*For further accessories see p. 89/90*

Bifix® Hybrid Abutment
Universal, dual-curing luting composite for intraoral and extraoral application

**Indications**
Permanent extraoral and intraoral luting of superstructures (incl. mesostructures) made of metal, ceramics, zirconium dioxide and polymers (composite, hybrid ceramics or PMMA) on
- prefabricated adhesive/titanium bases (extraorally only)
- customised titanium and zirconium dioxide bases (both extraorally and intraorally)
- dental hard tissue

**Advantages**
- All-in-one – permanent luting of all known dental materials
- Highest flexibility – intraoral application in the practice and extraoral in the laboratory
- High aesthetic – the perfect masking of dark substrates with highly opaque shades
- With Try-In pastes – precise shade simulation for hybrid abutments, abutment crowns and core treatments

**REF** 2410 Set QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, Ceramic Bond bottle 5 ml, Futurabond U SingleDose 5 pcs., accessories
**REF** 2411 QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, accessories
**REF** 2412 QuickMix syringe 10 g (white HO), Try-In syringe 2.5 g, accessories
**REF** 2413 QuickMix syringe 10 g (translucent), Try-In syringe 2.5 g, accessories
**REF** 2261 Dispenser – QuickMix
*For further accessories see p. 89/90
Not available in Canada*
Ceramic Bond
Coupling agent for porcelain (incl. zirconium dioxide) and composite

Indications
Ceramic Bond is used as a coupling agent to achieve an optimal bond strength between indirect restorations made of either silicate ceramics, aluminium oxide, zirconium dioxide, metal or composite, as well as glass fibre-reinforced composite posts, on the one side and methacrylate-based luting composites on the other side.

Advantages
- Creates ideal conditions for a durable bond between indirect restoration and luting composite
- No mixing required

Advantages of the SingleDose
- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

Meron Plus QM
Resin reinforced glass ionomer luting cement

Indications
Luting of
- metal-based inlays, onlays, crowns and bridges
- high-strength (e.g., zirconium dioxide-based or lithium disilicates, etc.) all-ceramic inlays, onlays, crowns and bridges
- metal, ceramic and glass fibre-reinforced posts
- orthodontic bands and aids

Advantages
- Excellent adhesion to the dental structure
- Precise marginal fit
- Moisture and acid resistant
- Self-adhesive: secure and quick bonding without primer or conditioner
- Excess material can be removed without waiting thanks to optional short-time light polymerisation
- QuickMix syringe ensures optimal application and a reliable mixing ratio
Meron (Application capsule)
Radiopaque glass ionomer luting cement

**Indications**
- Luting of metal-based crowns, bridges, inlays and onlays
- High-strength all-ceramic crowns and bridges
- Metal-based and high-strength all-ceramic crowns and bridges on implant abutments
- Metal root posts or indirect metal post core build-ups
- Prefabricated steel crowns
- Orthodontic bands

**Advantages**
- Sizeable amount available per capsule – also suitable for large restorations
- Very good wetting behaviour
- Stable
- Low film thickness
- High level of translucency for aesthetic results
- Simple removal of excess material
- Continuous release of fluoride
- No known postoperative sensitivities

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**Meron**
Glass ionomer luting cement

**Indications**
- Luting of crowns, bridges, inlays, onlays, pins, posts and orthodontic bands

**Advantages**
- Low solubility in the mouth
- Low acidity
- Biocompatible
- Easy application

---

**Aqua Meron**
Water-mixable glass ionomer luting cement

**Indications**
- Luting of crowns, bridges, inlays, onlays, pins, posts and orthodontic bands

**Advantages**
- Good flowability
- Low solubility in the mouth
- Low acid stress
- Biocompatible
Quick Up®
Self-curing luting material for attachments and secondary denture parts

**Indications**
Gingiva-coloured composite for luting attachments, such as ball, Locator® and telescope retention elements in prostheses with acrylic bases
Reluting secondary elements in prostheses with acrylic bases, e.g. connecting bars

**Advantages**
- Very simple chairside use
- High strength values
- Complete set for immediate use, including checking and block out material for primary structures that require protection, e.g. implants
- Ideal combination of self-curing luting material and light-curing correction material

Locator® is not a registered trademark of VOCO GmbH.

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BrackFix®
Light-curing bracket bonding system

**Indications**
Direct bonding of orthodontic metal and ceramic brackets

**Advantages**
- Optimal consistency of the adhesive: stable positioning of the bracket on the surface of the tooth
- Provides secure adhesion for metal and ceramic brackets
- Light-curing: long working time
- Can be exposed to loads immediately after polymerisation
- Fluorescent: allows for quick and gentle elimination of adhesive residues after bracket removal
Rebilda® Post
Glass fibre-reinforced composite post

Indications
Endodontic post build-up for support and anchoring of coronal restoration in situations with insufficient tooth substance

Advantages
• Dentine-like elasticity behaviour, high transverse strength
• High level of radiopacity (350 %Al)
• Anatomical shape
• Adhesive luting
• Removable
• All materials in the set match each other
• Post insertion and core-build-up in one step

Futurabond® DC · Futurabond® U
– safe self-cure
– high adhesion without additional etching

Rebilda® DC
– suitable for post luting
– cuts like dentine, very good physical properties
– low setting temperature

REF 1770 Set 5 posts each of (ø 1.2 mm, ø 1.5 mm, ø 2.0 mm), 1 drill each of (ø 1.2 mm, ø 1.5 mm, ø 2.0 mm)
REF 1771 Set 5 posts each of (ø 1.2 mm, ø 1.5 mm, ø 2.0 mm), 1 drill each of (ø 1.2 mm, ø 1.5 mm, ø 2.0 mm), Ceramic Bond bottle 5 ml, Futurabond DC SingleDose 15 pcs., Rebilda DC QuickMix syringe 10 g dentine, accessories
REF 1782 Set II 5 posts each of (ø 1.0 mm, ø 1.2 mm, ø 1.5 mm, ø 2.0 mm), 1 drill each of (ø 1.0 mm, ø 1.2 mm, ø 1.5 mm, ø 2.0 mm), Ceramic Bond bottle 5 ml, Futurabond U SingleDose 20 pcs., Rebilda DC QuickMix syringe 10 g dentine, accessories
REF 1775 Post 10 (ø 1.0 mm), 5 pcs.
REF 1772 Post 12 (ø 1.2 mm), 5 pcs.
REF 1773 Post 15 (ø 1.5 mm), 5 pcs.
REF 1774 Post 20 (ø 2.0 mm), 5 pcs.
REF 1780 Drill 10 (ø 1.0 mm), 1 pcs.
REF 1777 Drill 12 (ø 1.2 mm), 1 pcs.
REF 1778 Drill 15 (ø 1.5 mm), 1 pcs.
REF 1779 Drill 20 (ø 2.0 mm), 1 pcs.

Metal post – root fractures
Rebilda Post – dentine-like E-modulus

Posts illustrations are not the actual size.
Rebilda® Post GT

Bundled glass fibre-reinforced composite post

Indications
Core build-up restorations with root posts for endodontically treated teeth

Advantages
• Optimal restoration of mechanically prepared root canals
• Simple application
• Saves time and reduces the extent of tooth substance removal, as there is no need for preparation of the post site, which weakens the tooth less than conventional posts
• Optimal adaptation to all canal morphologies and geometries
• All materials in the set are perfectly coordinated
• Futurabond® U
  – safe self-cure
  – high adhesion without additional etching
• Rebilda® DC
  – suitable for post luting
  – cuts like dentine, very good physical properties
  – low setting temperature

Application

<table>
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<th>Number of single fibres</th>
<th>ø (mm)</th>
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<tr>
<td>4</td>
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<td>6</td>
<td>1.0</td>
</tr>
<tr>
<td>9</td>
<td>1.2</td>
</tr>
<tr>
<td>12</td>
<td>1.4</td>
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</table>

Shortening after polymerisation

REF 1972  Set 5 posts each of (~ ø 0.8 mm, ~ ø 1.0 mm, ~ ø 1.2 mm, ~ ø 1.4 mm), Ceramic Bond bottle 5 ml, Futurabond U SingleDose 20 pcs., Rebilda DC QuickMix syringe 10 g dentine, accessories

REF 1973  Post 4 (~ ø 0.8 mm), 5 pcs.
REF 1974  Post 6 (~ ø 1.0 mm), 5 pcs.
REF 1975  Post 9 (~ ø 1.2 mm), 5 pcs.
REF 1976  Post 12 (~ ø 1.4 mm), 5 pcs.
**Rebilda® DC**

**Dual-curing flowable core build-up and post luting system**

**Indications**

Adhesive core build-up on vital and non-vital teeth  
Luting of fibre-reinforced resin posts

**Advantages**

- Light-curing for time-saving application
- Additional chemical curing for reliable processing
- Available in 10 g QuickMix syringes and 50 g cartridge
- In three shades: blue for easy identification of preparation margins, dentine for aesthetic reasons, white as an aesthetic contrast to dentine
- Optimised small mixing tips save material
- Low heat development even in bulk application
- Flowable – packing is obsolete
- Safe adhesion with system bond
- Easy access of posterior areas with intraoral tips

**Clinical Case**

Tooth 11 requiring therapy  
Canal opening with root-canal filling  
Root-canal filling with marginal integrity, up to the apex  
Rebilda Post inserted into the root canal  
Prepared build-up – ready for impression

Source: Dr. Walter Denner, Fulda / Germany
**Grandio® Core Dual Cure**

*Flowable dual-curing nano-hybrid core build-up material*

**Indications**

Core build-up, for vital as well as non-vital teeth  
Luting of root posts

**Advantages**

- Outstanding physical properties for durable core build-ups  
- Filler content of 77 % w/w  
- Nano-hybrid technology  
- In three shades: dentine, blue and white  
- QuickMix syringe to ensure optimal application and consistent mixing ratio  
- Flowable  
- With intraoral tips type 4 for convenient application

**Clinical Case**

High loss of substance in the anterior area after excavation  
Condition after build-up with Grandio Core Dual Cure, ready for impression  
Final restoration

Source: Dr. Walter Denner, Fulda / Germany
**Structur 3**

Self-curing composite material for the fabrication of provisional crowns and bridges

**Indications**

Fabrication of temporary crowns, bridges, inlays, onlays, partial crowns, veneers and temporary posts

Fabrication of long-term temporaries

Lining of pre-fabricated temporary crowns made from composite materials, polycarbonate or metal

**Advantages**

- **Processing**
  - quick, simple and reliable thanks to the 1:1 cartridge system
  - short setting time
  - elastic phase allows simple removal from the prepared tooth
  - gloss without polishing – only requires removal of the inhibition layer

- **Aesthetics**
  - natural gloss and fluorescence
  - available in 6 shades

- **Durability**
  - high compressive strength
  - excellent fracture resistance

**Clinical Case**

<table>
<thead>
<tr>
<th>Initial situation</th>
<th>Prepared cores</th>
<th>Finished temporary bridge</th>
</tr>
</thead>
</table>

**Source:** Dr. Walter Denner, Fulda / Germany

<table>
<thead>
<tr>
<th>Cartridge 50 ml, mixing tips type 6</th>
<th>Cartridge 5 × 50 ml, mixing tips type 6</th>
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<tbody>
<tr>
<td>Shade</td>
<td>Cartridge 50 ml, mixing tips type 6</td>
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<tr>
<td>A1</td>
<td>REF 2503</td>
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<td>A2</td>
<td>REF 2505</td>
</tr>
<tr>
<td>A3</td>
<td>REF 2506</td>
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<tr>
<td>A3.5</td>
<td>REF 2510</td>
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<tr>
<td>B1</td>
<td>REF 2515</td>
</tr>
<tr>
<td>BL</td>
<td>REF 2516</td>
</tr>
</tbody>
</table>

**Source:** Dr. Walter Denner, Fulda / Germany
Structur 2

Self-curing composite material for the fabrication of provisional crowns and bridges

Indications
Fabrication of aesthetic temporary crowns, bridges, inlays and onlays

Advantages
- Simple and fast working steps
- Less than 1 minute setting time in the mouth
- Easy to shape and polish
- Available in 7 shades for natural aesthetics
- Long-lasting temporaries
- High stability of shape and shade
- Very economical due to minimal material loss
- Natural fluorescence

Clinical Cases

Source: Irfêo Saraiva de Camargo, Santo Agosthino / Brazil

Source: Dr. Wentaschek, Johannes Gutenberg-Universität Mainz / Germany
Structur Premium

Highly aesthetic composite material for the fabrication of provisional crowns and bridges

**Indications**
Fabrication of temporary crowns, bridges, inlays and onlays

**Advantages**
- Aesthetic like porcelain
- High stability of shape and shade
- Natural fluorescence
- Brilliant gloss
- As hard as enamel
- Extremely high fracture resistance
- Perfect handling
- Convenient work steps, easy to trim and polish
- Long-term use of temporary possible
- Very economical due to minimal material loss

Temporary Set

Material for the fabrication of provisional dental prosthetic pieces, filling material for temporary restorations and temporary luting cement

**Indications**
More information on the indications can be found on the product pages of Structur 3, Provicol QM and Clip Flow

**Advantages**
- Provisional dental prosthetic pieces with a gloss that does not require polishing
- Light-curing temporary restoration material for inlay and onlay cavities, durable and saliva-proof
- Temporary, eugenol-free luting material
- Contains calcium hydroxide known for bacteriostatic effect

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**Table:**

<table>
<thead>
<tr>
<th>Shade</th>
<th>REF</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1</td>
<td>1712</td>
<td>Cartridge 5 × 75 g A3, accessories</td>
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<tr>
<td>A2</td>
<td>1713</td>
<td>Cartridge 5 × 75 g A3, accessory</td>
</tr>
<tr>
<td>A3</td>
<td>1714</td>
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<td>A3.5</td>
<td>1717</td>
<td>Cartridge 5 × 75 g A3, accessories</td>
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<tr>
<td>B1</td>
<td>1718</td>
<td>Cartridge 5 × 75 g A3, accessories</td>
</tr>
<tr>
<td>BL</td>
<td>1716</td>
<td>Cartridge 5 × 75 g A3, accessories</td>
</tr>
</tbody>
</table>

**REF 2502** Structur 3 cartridge 50 ml A3, Provicol QM QuickMix syringe 5 ml, Clip Flow syringe 2 × 1.8 g

*Not available in Canada*
**Provicol® QM Aesthetic**

**Translucent, temporary luting cement with calcium hydroxide, eugenol-free**

**Indications**
Temporary luting of provisional or definitive inlays, onlays, crowns, partial crowns / veneers and bridges
Temporary filling of small one-surface cavities

**Advantages**
- Highly aesthetic, translucent appearance
- Accurate fit due to very low film thickness
- Optimum flowability for easy cementation
- Further advantages see Provicol QM Plus

**Clinical Case**
![Easy removal of excess material](image1)
![Attractive result with ZrO² crowns](image2)

Source: Hamilton Renato Pereira Lima, Santos, São Paulo / Brazil

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**Provicol® QM Plus**

**Eugenol-free temporary luting cement with calcium hydroxide**

**Indications**
Temporary luting of inlays, onlays, crowns, partial crowns and bridges
Temporary filling of small one-surface cavities

**Advantages**
- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine and to have an anti-microbial effect
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials

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**Provicol® QM Aesthetic**

**Indications**
Temporary luting of provisional or definitive inlays, onlays, crowns, partial crowns / veneers and bridges
Temporary filling of small one-surface cavities

**Advantages**
- Increased strength for more retention and secure adhesion
- High level of radiopacity

---

**Provicol® QM Plus**

**Eugenol-free temporary luting cement with calcium hydroxide**

**Indications**
Temporary luting of inlays, onlays, crowns, partial crowns and bridges
Temporary filling of small one-surface cavities

**Advantages**
- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine and to have an anti-microbial effect
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials
**Provicol® · Provicol® QM**

**Eugenol-free temporary luting cement with calcium hydroxide**

**Indications**
Temporary luting of inlays, onlays, crowns, partial crowns and bridges
Temporary filling of small one-surface cavities

**Advantages**
- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine and to have an antimicrobial effect
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials

**Provicol® C**

**Proven Provicol in cartridges**

**Indications**
Temporary luting of inlays, onlays, crowns, partial crowns, bridges, attachments and posts
Temporary filling of small one-surface cavities

**Advantages**
- Semi-elastic properties for safe adhesion of the temporary
- Contains calcium hydroxide which is known to support the formation of tertiary dentine and to have an antimicrobial effect
- Eugenol-free, thus low allergy potential
- Ideal before adhesive luting with resin cements, because no inhibition of curing reaction of resin-based filling or luting materials

**Bifix® Temp**

**Dual-curing, composite-based temporary luting material**

**Indications**
Non-permanent luting of temporary restorations

**Advantages**
- Translucent, tooth-like shade for aesthetic restorations
- Dual-curing – flexible setting times by use of a polymerisation light
- Simple removal of excess material – can be removed in one piece following brief light-curing
Clip · Clip F
Light-curing filling material for temporary restorations

**Indications**
Temporary fillings
Temporary sealing of cavities, especially in inlay / onlay technique

**Advantages**
- Easy to place – easy to remove in one piece
- No damage to preparation boundaries
- Time-saving through light-curing
- Durable and saliva-proof
- Specifically useful in inlay / onlay technique
- Clip F – additionally with fluoride

**Clinical Case**

Abutment with open aperture  Aperture sealed with Clip Flow  Finished seal after light-curing

Source Dr. Marcelo Balsamo, São Paulo / Brasil

Clip F is not available in Canada

**Clip Flow**
Flowable, light-curing filling material for temporary restorations

**Indications**
Temporary inlay and onlay treatments of the cavity
Sealing of openings for implant screws
Relining material for temporary crowns and bridges
Block out material for retentive areas in the dental arch, e.g. before taking impressions
Covering of the gingival margin
Fixing of resin matrix during filling placement
Temporary filling of cavities and sealing of root canal orifices

**Advantages**
- Easy to place – easy to remove in one piece
- No damage to preparation boundaries
- Durable and saliva-proof
- Elastic, flowable and non-sticky
- Time-saving through light-curing

**REF**
- REF 1282  Syringe 2 × 1.8 g
- REF 1285  Syringe 3 × 4 g
- REF 1287  Caps 25 × 0.25 g
- REF 9301  Dispenser – Caps

Clip F (with fluoride)
- REF 1289  Syringe 2 × 4 g
- REF 1283  Syringe 3 × 4 g

Clip F is not available in Canada
**Ufi Gel® hard C · Ufi Gel® hard**

**Hard direct denture relining**

**Indications**
Hard, permanent total or partial relinings to restore the functions of partial and total dentures
Lengthening of denture margins

**Advantages**
- Complete, hard relining chairside, in just one session
- Methyl methacrylate-free
- Neutral taste and odour
- No heat development in the mouth
- Good colour stability
- As easy as taking an impression
- Aesthetic, high patient acceptance and comfort
- Smooth surface
- New layers can be added at any time

**Clinical Case**

[Images of dental procedures]

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**Ufi Gel® hard C**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2215</td>
<td>Set cartridge 80 g, adhesive bottle 10 ml, accessories</td>
</tr>
<tr>
<td>REF 2218</td>
<td>Set + dispenser cartridge 80 g, adhesive bottle 10 ml, accessories</td>
</tr>
<tr>
<td>REF 2216</td>
<td>Cartridge 80 g, accessories</td>
</tr>
<tr>
<td>REF 2217</td>
<td>Adhesive bottle 10 ml</td>
</tr>
<tr>
<td>REF 2158</td>
<td>Dispenser – type 2</td>
</tr>
<tr>
<td>REF 2187</td>
<td>Mixing tips type 8, 50 pcs.</td>
</tr>
</tbody>
</table>

**Ufi Gel® hard**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2210</td>
<td>Set powder 60 g, liquid bottle 40 ml, conditioner bottle 20 ml, accessories</td>
</tr>
</tbody>
</table>

*Ufi Gel hard is not available in Canada*
**Ufi Gel® SC · Ufi Gel® P**

Permanently soft, cold-curing relining material on silicone base

**Indications**

Permanently soft relining for total and partial dentures
- to eliminate pressure spots
- to dam the palatal vibrating line
- in cases of flabby ridges and / or insufficient adhesion
- to cushion sharp-edged alveolar processes
- to support the healing process in implantology

**Advantages**

- Top quality relining silicone
- Complete relining in one single session (chairside)
- Remains permanently soft
- Special adhesive for extreme bonding of silicone to denture
- Biocompatible (methacrylate-free)
- Neutral odour and taste
- Stable, aesthetic colour with chameleon effect
- Labside use: fewer steps than with other cold-cured materials
- For all PMMA based dentures
- Easy and fast application of direct and indirect relining
- Excellent adaptation to fine details for a precise fit of the denture
- Resistant against standard denture cleansers

**Clinical Case**

**SEATING OF THE PROSTHESIS AND MOVEMENTS OF THE MANDIBLE**

**Ufi Gel® SC**

<table>
<thead>
<tr>
<th>REF 2041</th>
<th>Set cartridge 50 ml, adhesive bottle 10 ml, glazing base 10 ml, glazing catalyst 10 ml, accessories</th>
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<tbody>
<tr>
<td>REF 2040</td>
<td>Cartridge 50 ml, accessories</td>
</tr>
<tr>
<td>REF 2029</td>
<td>Adhesive bottle 10 ml</td>
</tr>
<tr>
<td>REF 2047</td>
<td>Glazing bottle 2 × 10 ml (base / catalyst)</td>
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<tr>
<td>REF 2049</td>
<td>Polishing discs, 10 pcs.</td>
</tr>
<tr>
<td>REF 2158</td>
<td>Dispenser – type 2</td>
</tr>
<tr>
<td>REF 2187</td>
<td>Mixing tips type 8, 50 pcs.</td>
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</table>

**Ufi Gel® P**

<table>
<thead>
<tr>
<th>REF 2070</th>
<th>Set tube base 50 ml, catalyst 50 ml, glazing base 10 ml, glazing catalyst 10 ml, adhesive bottle 10 ml, accessories</th>
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</thead>
<tbody>
<tr>
<td>REF 2071</td>
<td>Tube 2 × 50 ml (base / catalyst)</td>
</tr>
<tr>
<td>REF 2076</td>
<td>Adhesive bottle 10 ml</td>
</tr>
<tr>
<td>REF 2309</td>
<td>Disposable brushes for dental brush holder, 100 pcs.</td>
</tr>
<tr>
<td>REF 2315</td>
<td>Mixing palettes, 20 pcs.</td>
</tr>
<tr>
<td>REF 2338</td>
<td>Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.</td>
</tr>
</tbody>
</table>

*Ufi Gel® P is not available in Canada*
V-Posil® Putty Fast · Putty Soft Fast · Heavy Soft Fast · Mono Fast

Indications
V-Posil Putty Fast / Soft Fast is used as preliminary material for
– two-step putty-wash impression technique
– one-step putty-wash impression technique
– two-step putty-wash impression technique using a foil (plastic putty spacer)
– one-step putty impression technique for forming functional peripheries
V-Posil Heavy Soft Fast is to be used as heavy bodied material for
– one-step impression technique (simultaneous technique) using dual viscosities
– two-step impression technique using dual viscosities
– functional impressions
V-Posil Mono Fast is to be used as a medium bodied tray or syringeable impression material for
– taking impressions over fixed / removable restorations and implants (i.e., transferring impression posts and bridge components)
– functional impressions
– fabricating crown and bridgework or inlays
– fabricating full or partial dentures
– reline impressions
– transferring root posts when fabricating posts and cores indirectly
– multi tray technique
– use in the simultaneous mixing technique as well as the putty-wash technique

Advantages
• High precision – strongly hydrophilic addition-curing silicone for good wetting of oral structures
• Treatment comfort – long working time combined with a short intraoral setting time*
• Safe removal – high toughness allows removal without damaging filigree structures
• Perfect prosthetics – good hydrophilicity and high recovery after deformation of the set impression makes the pouring out and thus the restoration perfect

* V-Posil Putty Fast 380 ml: Extraoral working time ≤ 01:30 min., time in mouth ≥ 02:30 min.
V-Posil® Light Fast · V-Posil® X-Light Fast

Precision impression material, VPS

Indications
V-Posil Light Fast and V-Posil X-Light Fast are to be used as syringeable impression materials for
– two-step putty-wash impression technique
– one-step putty-wash impression technique
– two-step impression technique using a foil (plastic putty spacer)
– one-step impression technique (simultaneous technique) using dual viscosities
– reline impressions
– fabricating full or partial dentures

Advantages
• High precision – strongly hydrophilic addition-curing silicone for good wetting of oral structures
• Treatment comfort – long working time combined with a short intraoral setting time
• Safe removal – high toughness allows removal without damaging filigree structures
• Perfect prosthetics – good hydrophilicity and high recovery after deformation of the set impression makes the pouring out and thus the restoration perfect

Clinical Case

Prepared teeth with retraction cord
Encasing the teeth in V-Posil Light Fast
Precise impression taking with V-Posil Putty Fast and V-Posil Light Fast

Finished denture on the model
Aesthetically natural result

Source: Dr. Walter Denner, Fulda / Germany
Registrado® X-tra
Addition-curing silicone for bite registration, extra hard, fast setting

Indications
Occlusal bite registration
Fixing of face bow registrations
Location material for intraoral pin tracing templates

Advantages
- Optimised final hardness
- Allows application without time pressure
- Highly thixotropic qualities
- Good grinding properties
- Very precise impressions
- With economic mixing tips

Application
Excellent surface affinity
No resistance on occlusion
The bite registration can be easily trimmed with a scalpel

Fit Test® C & B
Addition-curing silicone material for checking of prosthetic reconstructions

Indications
Control of precision of fit, marginal adaptation and marginal gaps of
- full or partial crowns as well as bridges
- inlays / onlays
- cast post abutments / post crowns
- metal denture bases
- implant-supported crowns and bridges
- attachments and other secondary parts of dentures

Advantages
- Fast diagnostic help for all restorative pieces
- QuickMix syringe for simple handling – automatic bubble-free mixing
- Direct application
- Optimal colour for metal and ceramic restorations
- Fast results due to short working and setting time

REF 2095  QuickMix syringe 5 ml, accessories
REF 2261  Dispenser – QuickMix
REF 2188  Mixing tips type 9, 50 pcs.
REF 2191  Mixing tips type 11, only with intraoral tips type 1, 50 pcs.
REF 2139  Intraoral tips type 1, 50 pcs.
VOCO Retraction Paste
Astringent paste for an effective temporary widening and dry gingival sulcus

Indications
For temporary retraction of the marginal gingiva to provide a dry gingival sulcus when the periodontium is healthy prior to, e. g.
– analogue or digital impressions
– cementation of temporary and permanent restorations
– preparation of class II and V fillings

Advantages
• Thin cannula with flexible tip – easy and pinpoint application into the sulcus
• Viscosity Change – paste consistency varies during application and sulcus widening
• Good visibility – contrasty to the gingiva
• A clean product – quick and easy to spray off

Application
Before Applied VOCO Retraction Paste After Precise impression with V-Posil

The paste is easy to apply and does reliably its job with regard to drying and expanding the sulcus. Even if you have a bleeding sulcus, you can make a great impression. VOCO Retraction Paste makes the impossible possible.

Dr. Bogdan Bratu, Rumänien
Individuo® Lux

Preformed individual impression trays, light-curing

**Indications**
Fabrication of individual trays from contoured plates for maxillae and mandibles

**Advantages**
- In blue transparent or blue opaque colour
- Allows precise and economic processing
- Stable trays
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

<table>
<thead>
<tr>
<th>REF</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>2402</td>
<td>Maxillae 50 pcs. blue opaque</td>
</tr>
<tr>
<td>2403</td>
<td>Mandibles 50 pcs. blue opaque</td>
</tr>
<tr>
<td>2408</td>
<td>Maxillae 50 pcs. blue transparent</td>
</tr>
<tr>
<td>2409</td>
<td>Mandibles 50 pcs. blue transparent</td>
</tr>
</tbody>
</table>

Profibase

Preformed transparent pink impression trays / base plates, light-curing

**Indications**
Fabrication of gingiva shaded bases for wax models of complete and partial dentures
Fabrication of individual trays from contoured plates for maxillae and mandibles

**Advantages**
- Gingiva shade
- Simple and time-saving shaping by hand
- Permanent stability and compressive strength
- Pleasant mint flavour
- Non-sticky consistency
- Light-cured with standard halogen light or UVA lights

<table>
<thead>
<tr>
<th>REF</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>2111</td>
<td>Maxillae / mandibles 2 x 25 pcs.</td>
</tr>
<tr>
<td>2112</td>
<td>Maxillae 50 pcs.</td>
</tr>
<tr>
<td>2113</td>
<td>Mandibles 50 pcs.</td>
</tr>
</tbody>
</table>
**LC Dam**

*Light-curing gingival protection*

**Indications**
Covers and protects the gingiva and neighbouring teeth during whitening therapy carried out in the dental surgery (in-office whitening)

**Advantages**
- A composite-based, blue coloured gingiva protection
- Covers the gingiva down to the interdental papillae optimally, without flowing away
- No painful heat build-up during light polymerisation
- No shifting during treatment, easy removal in one piece afterwards

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**Cimara®**

*Material for ceramic repair with light-curing composite*

**Indications**
Intraoral repairs of defects in ceramic or composite veneer, fixed prosthetic work with metal frames

**Advantages**
- Acid-free ceramic repair in only one session
- No removal or re-cementation of restorative pieces
- Simple working steps
- No additional devices required
- Permanent bond of composite to porcelain
- High shear bonding strength

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**REF 1655**  Syringe 2 g, accessories
*Not available in Canada*
Devices · Various


But also, nothing really functions in the practice without those practical little helpers – be it application cannulae in different sizes, large or small devices for application of or subsequent working with products, as well as cleaning preparations or material for blocking out.
VisCalor® Dispenser

Preheating dispenser for composite Caps

Indications
Warming and application of highly filled composites in Caps

Advantages
- Effective handling – rapid warming and immediate application in one device
- Homogeneous warming thanks to near-infrared technology
- Two programs (VisCalor bulk and additional VOCO composites)
- Handy design and ideal shape for reaching molar cavities
- Better adaptation of composites to cavity walls thanks to silkier consistency

Caps Warmer

Preheating device for composite Caps

Indications
Device for warming composite Caps

Advantages
- Allows brief warming of composite Caps
- The specially designed tray optimally encloses VOCO composite Caps, which ensures that they are warmed uniformly
- Increasing flowability and adjusting the handling properties of the composite
- Simultaneous warming of one dispenser with Cap and up to four individual Caps – also ideal for working with several shades
- Choice of 3 temperature settings – depending on the clinical situation and the required consistency

REF 9143 Preheating device
REF 9144 Changeable tops 2 pcs.
REF 9145 Protective foils 100 pcs.

REF 9001 Preheating device
Celalux® 3
High-Power LED curing-light

Indications
Curing of all light-curing dental materials whose polymerisation is activated within a wavelength range of 450 - 480 nm

Advantages
- State-of-the-art LED technology with high light intensity (approx. 1,300 mW / cm²)
- Wavelength range 450 - 480 nm
- Slim and ergonomic design (pen-shaped); weight of the handpiece, including device base and light guide, weighs only 70 g
- Indicates how much time has elapsed by vibrating at the start, and again after 10 s and 20 s, instead of the acoustic signals previously used
- Easy to handle, cordless
- Autoclavable 8 mm light guide
- The spare device base supplied ensures the device is always ready for use
- Battery is very easy to change

Technical data
- Wave length range: 450 - 480 nm
- Output: 1,300 mW / cm²
- Handling: Intermittent use, 10 cycles, each of 20 s duration / 3 min. break
- Operating time with fully charged battery: > 45 cycles, each of 20 s duration
- Light guide: ø 8 mm
- Device Base: Lithium polymer, 270 mAh

Handpiece
- Dimensions: ø 12.6 mm, L 210 mm
- Weight: 70 g (incl. device base and light guide)

Battery charger
- Dimensions: L 160 mm x B 90 mm x H 35 mm
- Weight: 170 g
- Radiometer: built-in, Green light: sufficient light output Red light: insufficient light output
- Mains voltage: 100 - 240 V AC, 50 / 60 Hz
- Power supply: 6 V DC / 1 A
- Classification: Type BF
- Electrical insulation: Class II
- Connector: interchangeable adapter for DE, UK, USA (supplied)
VOCO GIC Mixer®
Capsule mixing device especially for glass ionomer cements

**Indications**
Device for mixing powder and liquid in application capsules

**Advantages**
- High oscillating frequency of 4,600 rpm, creating a particularly homogeneous mixture of powder and liquid
- Modern design
- Capsule holder allows simple insertion and removal of capsules
- User-friendly
- Quiet and practically vibration-free
- Mixing times can be freely selected between 1 and 99 seconds

VOCO Dynamic Dispenser
Dynamic mixing device

**Indications**
Device for the automatic dispensing and mixing of VOCO impression materials in the 5:1 cartridge

**Advantages**
- Homogeneous, dynamic mixing of product components to ensure a consistently high material quality
- Bubble-free dispensing
- Fill level display
- 2 feed speeds
- Electronic residue detection

REF 9050  Capsule mixing device
Not available in Canada

REF 9140  Mixing device 230 V
Not available in Canada
**Caries Marker**

**Coloured solution for disclosing caries infections**

**Indications**
Dyeing of carious dentine to simplify cavity preparation and for demonstration purposes

**Advantages**
- Precise distinction between carious and healthy dentine
- Supports minimally invasive restoration techniques
- Suited for training and teaching purposes on extracted teeth

**Block Out Gel LC**

**Light-curing block out material**

**Indications**
Blocking out of plaster models

**Advantages**
- Blue colour for simple application control
- Easy application directly from the syringe

**Pele Tim**

**Foam pellets for application of liquid or paste preparations without pressure**

**Indications**
- Touching of infected alveoli
- Endodrain
- Vitality test
- Removal of material excess from cementation or sealing
- Simple application, e.g. of fluoride preparations

**Advantages**
- 5 practical sizes
- Painfree application without pressure
- Economical application
- Hygienic application without fluff
Traypurol®
Concentrated cleaning agent for impression trays and instruments

Indications
Self-acting cleaning of impression trays and instruments

Advantages
- Simply diluted in water
- Removes residues of alginate, zinc oxide eugenol, glass ionomer, carboxylate, and phosphate cements
- Cleans trays and instruments reliably overnight
- Can be used in ultrasonic devices
- Suited also for non-oxidising metals and plastic
- Biodegradable and gentle

Traypurol® tabs
Active-tabs for cleaning impression trays and instruments

Indications
Self-acting cleaning of impression trays and instruments

Advantages
- Removes alginate and cements within a short amount of time
- Especially easy to dose
- No vigorous stirring necessary – the tabs automatically dissolve when placed in water
- Gentle to material – suitable for all rustproof metals (including aluminium) and plastics
- Bio-degradable and pH-neutral
- Can be used in ultrasonic baths

REF 2289 Bottle 1 l
REF 2290 Canister 5 l
REF 2304 Dispenser pump – canister 5 l
Not available in Canada

REF 2355 50 pcs.
<table>
<thead>
<tr>
<th>Device Type</th>
<th>Description</th>
<th>Reference</th>
<th>Image</th>
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<tbody>
<tr>
<td>Caps Dispenser</td>
<td>Direct application dispenser for dispensing restorative materials in Caps</td>
<td>REF 9301 Dispenser – Caps</td>
<td><img src="image1" alt="Caps Dispenser" /></td>
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<tr>
<td>Dispenser type 2</td>
<td>Dispenser to extrude dental materials from cartridges</td>
<td>REF 2158 Dispenser – type 2</td>
<td><img src="image2" alt="Dispenser type 2" /></td>
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<tr>
<td>Dispenser type 3</td>
<td>Dispenser to extrude dental materials from cartridges</td>
<td>REF 2259 Dispenser – type 3</td>
<td><img src="image3" alt="Dispenser type 3" /></td>
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<tr>
<td>QuickMix Dispenser</td>
<td>Dispenser to extrude dental materials from QuickMix syringes</td>
<td>REF 2261 Dispenser – QuickMix</td>
<td><img src="image4" alt="QuickMix Dispenser" /></td>
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<tr>
<td>AC Applicator type 1</td>
<td>Applicator for the direct administration of glass ionomer cement restorative and luting materials in application capsules (AC)</td>
<td>REF 2331 Applicator – AC type 1</td>
<td><img src="image5" alt="AC Applicator type 1" /></td>
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<tr>
<td>AC Applicator type 2</td>
<td>Applicator for the direct administration of glass ionomer cement restorative and luting materials in application capsules (AC)</td>
<td>REF 2334 Applicator – AC type 2</td>
<td><img src="image6" alt="AC Applicator type 2" /></td>
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<tr>
<td>AC Activator</td>
<td>Device to activate VOCO application capsules (AC)</td>
<td>REF 9300 Activator – AC</td>
<td><img src="image7" alt="AC Activator" /></td>
</tr>
<tr>
<td>Application brush dispenser</td>
<td>Dispenser for hygienic removal of application brushes – can be repeatedly refilled with two types of brushes</td>
<td>REF 2244 Dispenser – application brushes</td>
<td><img src="image8" alt="Application brush dispenser" /></td>
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### Mixing tips

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Code</th>
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<tbody>
<tr>
<td>REF 2185</td>
<td>Mixing tips type 6 for Provicol C, Structur Premium, Structur 2 in cartridge, Structur 3 in cartridge, 50 pcs.</td>
<td>REF 2194</td>
<td>Mixing tips type 14 for Bifix SE, Perfect Bleach Office+, 50 pcs.</td>
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<tr>
<td>REF 2186</td>
<td>Mixing tips type 7 for V-Posil Light Fast, V-Posil X-Light Fast, 50 pcs.</td>
<td>REF 2195</td>
<td>Mixing tips type 15 (with intraoral tips type 1) for Bifix SE, Perfect Bleach Office+, 50 pcs.</td>
</tr>
<tr>
<td>REF 2187</td>
<td>Mixing tips type 8 for Ufi Gel hard C, Ufi Gel SC, 50 pcs.</td>
<td>REF 2196</td>
<td>Mixing tips type 16 (for intraoral tips type 2) for Registrado Clear, Registrado X-tra, V-Posil Heavy Soft Fast in cartridge, V-Posil Mono Fast in cartridge, 50 pcs.</td>
</tr>
<tr>
<td>REF 2188</td>
<td>Mixing tips type 9 for Bifix Temp, Bifix Hybrid Abutment, Fit Test C &amp; B, 50 pcs.</td>
<td>REF 2199</td>
<td>Mixing tips type 19 for Rebilda DC in cartridge, bendable, 30 pcs.</td>
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<tr>
<td>REF 2189</td>
<td>Mixing tips type 10 for Meron Plus QM, Provicol QM, Provicol QM Aesthetic, Provicol QM Plus, Quick Up, Structur 2 in the QuickMix syringe, Structur 3 in the QuickMix syringe, 50 pcs.</td>
<td>REF 2202</td>
<td>Mixing tips type 20 for die silicone, CediTEC, 50 pcs.</td>
</tr>
<tr>
<td>REF 2191</td>
<td>Mixing tips type 11 for Bifix Hybrid Abutment, Bifix QM, Fit Test C &amp; B only with intraoral tips type 1, Grandio Core Dual Cure in the QuickMix syringe, Rebilda DC in the QuickMix syringe, 50 pcs.</td>
<td>REF 2203</td>
<td>Mixing tips type 30 for V-Posil Heavy Soft Fast in large cartridge, V-Posil Mono Fast in large cartridge, V-Posil Putty Fast in large cartridge, 50 pcs.</td>
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<tr>
<td>REF 2192</td>
<td>Mixing tips type 12 for Rebilda DC in cartridge, 50 pcs.</td>
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### Application aids

<table>
<thead>
<tr>
<th>Code</th>
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<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>REF 2249</td>
<td>Micro Tim, fine application brushes, 100 pcs.</td>
<td>REF 2247</td>
<td>Single Tim, application brushes, 100 pcs.</td>
</tr>
<tr>
<td>REF 2309</td>
<td>Disposable brushes for dental brush holder, 100 pcs.</td>
<td>REF 2246</td>
<td>Endo Tim, application brushes, to be used in the root canal, 50 pcs.</td>
</tr>
</tbody>
</table>
| REF 2338   | Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.                                 | REF 2245   | Easy Brush, application brushes, 50 pcs.  
              |                                               |            | *Not available in Canada*                  |
### Application cannulae

| REF 2145 | Application cannulae type 40 for Fissurit F / FX, 100 pcs. | REF 2147 | Application cannulae type 45 for Amaris Gingiva, Cimara Opaquer LC, FinalTouch, Grandio SO Light Flow, Grandio Seal, 100 pcs. |
| REF 2146 | Application cannulae type 41 for Admira Fusion Flow, Bifix Hybrid Abutment, Calcimol LC, Grandio / SO Flow, Ionoseal, LC Dam, 100 pcs. | REF 2148 | Application cannulae type 46 for Admira Fusion x-base, AlignerFlow LC, Clip Flow, Grandio SO Heavy Flow, x-tra base, 100 pcs. |
| REF 2310 | Application cannulae type 42 for Vocolicid, 30 pcs. | REF 2131 | Application cannulae type 47 for Calicicur, 30 pcs. |
| REF 2167 | Application cannulae type 43 for VOCCO Protfluorid Varnish cartridge, 100 pcs. | REF 2132 | Application cannulae type 48 for Vocolicid, 50 pcs. |

### Intraoral tips

| REF 2133 | Intraoral tips type 6 for V-Posil Mono Fast, 50 pcs. | REF 2141 | Intraoral tips type 3 for Rebilda DC in cartridge, V-Posil Light Fast, V-Posil X-Light Fast, 50 pcs. |
| REF 2139 | Intraoral tips type 1 for Bifix Hybrid Abutment, Bifix QM, Bifix SE, Perfect Bleach Office+, to be used in the root canal with Rebilda DC in the QuickMix syringe, 50 pcs. | REF 2142 | Intraoral tips type 4 for Bifix Hybrid Abutment, Bifix QM, Grandio Core Dual Cure in the QuickMix syringe, Rebilda DC in the QuickMix syringe, 50 pcs. |
| REF 2140 | Intraoral tips type 2 for Registrado Clear, Registrado X-tra, 50 pcs. | |

### Mixing spatulas · Mixing pads · Mixing palettes

| REF 2303 | Mixing pads 70 x 80 mm, with adhesive back, 4 pcs. | REF 2315 | Mixing palettes, 20 pcs. |
| A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |