DENTAL PROGRAMME 2019 · 2020
WELCOME TO THE DENTALISTS!

Dear customers and business partners,

As a researching dental enterprise 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.

All of these are characteristics of our brand products – those in the segment of products for daily clinical use, as well as those for the digital workflow. VOCO offers quality for all areas of your practice, from maximal biocompatibility in a restorative material and problem-solving root posts to progressive composite blocks for CAD / CAM use and cutting-edge 3D printers.

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 case reports and lots more are also available at www.voco.dental.

Your VOCO GmbH
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ICONS

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.

Material composition
This product is based on nano-hybrid technology.

Curing of the material
This product either cures through exposure to light or it self-cures chemically. For detailed information, please consult the instructions for use.

Curing of the material
This product self-cures chemically. 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.

Method of application
Preparatory conditioning of the tooth surface is not required before application of this material to the tooth. For detailed information, please consult the instructions for use.

Method of application
Separate etching of the tooth surface is necessary before the adhesive system (bond) is used. For detailed information, please consult the instructions for use.

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.

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.

Volume shrinkage
During setting, this product is subject to the volume shrinkage indicated in percent.

Filler content
This product has a defined filler content, which is indicated in percent by weight.

Hardness of the material
This product possesses the shore A hardness shown.

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.

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.

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

Material compatibility
This product can be used with the materials indicated. 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.

CAD / CAM
This product is suitable for use in digital dentistry. For detailed information, please consult the instructions for use.

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

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

Indications for process monitoring
This device either already possesses, or can be upgraded with, sensors for printing process assurance.

Information on material vat
This product uses the patented flexible vat technology for reduced peeling forces and a decreased requirement for support structures.

Indication of wavelength
This material can be light-cured using a UV-LED light source with the wavelength shown.

Format of communication data
This product processes the data format indicated.

Non-sedimenting
This product is non-sedimenting. The product enables additive manufacturing of objects from homogeneous solution throughout the entire printing process.

Application of the material
When heated, the viscosity of this material changes, thus uniting the respective advantages of flowable and sculptable materials. Specifically designed to be heated for use.
Oral Care


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.
<table>
<thead>
<tr>
<th>Device</th>
<th>Fluoride Content</th>
<th>Presentation</th>
<th>Flavor</th>
<th>RDA Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grandio Seal</td>
<td>70% w/w opaque</td>
<td>Fissure sealing</td>
<td>Mint</td>
<td>85%</td>
</tr>
<tr>
<td>Fissurit FX</td>
<td>55% w/w</td>
<td>Dye light coding</td>
<td>Mint</td>
<td>50%</td>
</tr>
<tr>
<td>Fissurit F</td>
<td>n/s</td>
<td>SingleDose bottle</td>
<td>Mint</td>
<td>70%</td>
</tr>
</tbody>
</table>

**Fluoride Content:**
- Grandio Seal: 70% w/w opaque
- Fissurit FX: 55% w/w
- Fissurit F: n/s

**Presentation:**
- Grandio Seal: SingleDose bottle
- Fissurit FX: SingleDose tube
- Fissurit F: SingleDose bottle

**Flavor:**
- Grandio Seal: Mint
- Fissurit FX: Mint
- Fissurit F: Mint

**RDA Value:**
- Grandio Seal: 85%
- Fissurit FX: 50%
- Fissurit F: 70%
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
• The green polishing paste has a very low grade of abrasion and is therefore also suitable for the care of implants
• Can be used with any conventional instrument (small brush, cup etc.)
• Contains fluoride (700 ppm) and xylitol (inhibiting effect on the metabolism of bacteria)
• Pleasant light mint flavour

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

Application
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

---

**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

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**Fissure sealing**

**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

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

**REF 1180** Bottle 2 × 3 ml
**REF 1292** Syringe 2 × 2 g, accessories
**REF 1293** Set syringe 5 × 2 g, Vococid gel syringe 5 ml, Vococid bottle 2 × 3 ml, accessories
**REF 2145** Application cannulae type 40, 100 pcs.
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 discoloration 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

Bifluorid 5
Fluoride varnish for the treatment of dental hypersensitivity

Indications
For the treatment of hypersensitive necks of teeth and crown edges
For fluoridation of dental enamel and desensitisation after grinding single or several teeth

Advantages
• Unique fluoride desensitizer with sodium and calcium fluoride
• Immediate and long-lasting desensitisation
• Biocompatible – no methacrylates or glutaraldehydes
• Transparent – no discoloration of teeth

Not available in Canada
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
- Cariostatic properties from the contained xylitol
- Available in three aromatic flavours (melon, mint and strawberry)
- Can be used daily and especially well-suited for use at home

**How it works**

- **Fluoride** – open dentinal tubules are sealed
- **Hydroxy apatite** – fills superficial enamel lesions
- **Xylitol** – bacteriostatic effect of xylitol

**REF**
- REF 2003 Tube 12 x 40 g melon
- REF 2004 Tube 12 x 40 g mint
- REF 2005 Tube 12 x 40 g strawberry
- REF 2006 Tube 12 x 40 g mixed
- REF 2007 Tube 3 x 40 g mixed

Not available in Canada
VOCO Profluorid® Varnish

Fluoride-containing dental desensitising varnish (5 % NaF)

Indications
Treatment of hypersensitive teeth
Sealing the dentinal tubules, e.g. for cavity preparations or on sensitive root surfaces

Advantages
• Easy to apply on wet tooth surfaces
• Esthetic, tooth-shaded varnish
• Fast desensitisation and fluoride release (5 % NaF $\cong 22,600$ ppm fluoride)
• In five pleasant flavours available: melon, mint, cherry, caramel and bubble gum
• Ideal for treating cervical areas after professional cleaning and calculus removal

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

<table>
<thead>
<tr>
<th>SingleDose</th>
<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>
<td></td>
</tr>
<tr>
<td>Caramel</td>
<td>REF 2226</td>
<td>REF 2229</td>
<td></td>
</tr>
<tr>
<td>Cherry</td>
<td>REF 2227</td>
<td>REF 2230</td>
<td></td>
</tr>
<tr>
<td>Mint</td>
<td>REF 2228</td>
<td>REF 2231</td>
<td></td>
</tr>
<tr>
<td>Bubble gum</td>
<td>REF 2238</td>
<td>REF 2239</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cartridge</th>
<th>Flavour</th>
<th>48 x 0.40 ml</th>
<th>50 x 0.25 ml</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melon</td>
<td>–</td>
<td>REF 1268</td>
<td></td>
</tr>
<tr>
<td>Mixed*</td>
<td>REF 2225</td>
<td>–</td>
<td></td>
</tr>
</tbody>
</table>

* (12 each of melon, caramel, cherry, mint)

REF 1272 and 2235 are not available in Canada
VOCO Profluorid® Varnish
Fluoride-containing dental desensitising varnish (5 % NaF)

Indications
- Treatment of hypersensitive teeth
- Sealing the dentinal tubules, e.g. for cavity preparations or on sensitive root surfaces

Advantages
- Easy to apply on wet tooth surfaces
- Esthetic, tooth-shaded varnish
- Economical application in thin layers, high yield
- Ideal for treating cervical areas after professional cleaning and calculus removal

Flavour
- Melon
- Caramel
- Cherry
- Mint
- Mixed

<table>
<thead>
<tr>
<th>Tube</th>
<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>
<td></td>
</tr>
<tr>
<td>Caramel</td>
<td>REF 2232</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Cherry</td>
<td>REF 2233</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Mint</td>
<td>REF 2234</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Mixed</td>
<td>REF 2971</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Admira® Protect in practical SingleDose
- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

<table>
<thead>
<tr>
<th>REF</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1650</td>
<td>Bottle 4.5 ml, accessories</td>
</tr>
<tr>
<td>1651</td>
<td>SingleDose 50 pcs., accessories</td>
</tr>
<tr>
<td>1652</td>
<td>SingleDose 200 pcs., accessories</td>
</tr>
<tr>
<td>2338</td>
<td>Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.</td>
</tr>
<tr>
<td>2249</td>
<td>Micro Tim, fine application brushes, 100 pcs.</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

Mini set
An attractive cosmetic bag contains four syringes of whitening gel, the storage box and the graphically assisted instructions for use.

Especially suitable for
• Dental practitioners who contract an external laboratory to fabricate the tray
• Patients who already own a whitening tray

Set
The set contains six syringes of whitening gel, the storage box, one syringe of Block Out Gel LC, the material for two trays and the grafically assisted instructions for use.

Especially suitable for
• Dental practitioners who fabricate the whitening gel tray in their own surgery

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

Perfect Bleach® 16 %
REF 1659 Mini set syringe 4 x 2.4 ml with 16 % carbamide peroxide, storage box, cosmetic bag
REF 1664 Set syringe 6 x 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 x 2.4 ml with 16 % carbamide peroxide

Not available in Canada
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:
– discoloration as a result of trauma
– discoloration 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
• Composite-based gingiva protection (LC Dam)
• No painful heat-loading from light-curing the gingiva protection

Clinical Case

Marginal, clinically perfect root filling, clearly visible discolouration in tooth 11
Palatinal view with applied gingiva protector LC Dam
Insertion of the whitening gel into the cavity with the enclosed fine cannula

Careful rinsing and aspiration of the whitening gel
Tight obturation of the cavity with a glass ionomer material
Aesthetically convincing result

Source: Dierk Thalmann, Cuxhaven / Germany
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, Remin Pro forte, 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

REF 2996  Set CleanJoy tube 2 × 100 g, Remin Pro tube 40 g melon, Remin Pro forte tube 40 g ginger, Profluorid Varnish SingleDose 12 × 0.4 ml (3 each of melon, caramel, mint, cherry), Grandio Seal syringe 2 × 2 g
Product presentations may vary
Not available in Canada
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
- Antimicrobial effect due to high pH value (12.5)
- 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

![Image](image_url)

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

Source: Dr. Marcelo Balsamo, São Paulo / Brazil
**Futurabond® U**

**Dual-curing universal adhesive**

![Dental Product Shopper Best Product](image)

**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

**Advantages**
- Can be applied with or without phosphoric acid etching
- Excellently suitable for direct or indirect restorations
- Secure adhesion to various materials such as metals, zirconium dioxide or aluminium oxide, as well as silicate ceramics, without additional primer
- Applied in one layer – only 35 seconds total working time

---

**Futurabond® M**

*One-component light-curing nano-reinforced self-etch bond*

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

**Advantages**
- Excellent adhesion to dentine and enamel
- Easy and fast application – one-coat, one-cure technique
- Universal for all light-curing restoratives
- Ideal for paediatric use

---

**REF 1350** Bottle 5 ml, accessories
**REF 1351** Bottle 3 x 5 ml
**REF 2247** Single Tim, application brushes, 100 pcs.
**REF 2315** Mixing palettes, 20 pcs.
**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

**REF 1163**  Bottle 2 × 4 ml (liquid 1 / liquid 2), accessories
**REF 1164**  SingleDose 50 pcs., accessories
**REF 1165**  SingleDose 200 pcs., accessories
**REF 2246**  Endo Tim, application brushes, to be used in the root canal, 50 pcs.
**REF 2247**  Single Tim, application brushes, 100 pcs.
**REF 2315**  Mixing palettes, 20 pcs.
**Futurabond® NR**

**Light-curing self-etch-bond reinforced with nano-fillers**

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

**Advantages**
- Excellent adhesion to dentine and enamel
- Durable marginal integrity
- Moisture-tolerant
- Easy and fast application – one-coat, one-cure technique
- Universal for all light-curing restoratives
- Ideal for paediatric use
- Contains fluorides
- No refrigerated storage needed

**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

**REF 1148** Bottle 2 x 4 ml (liquid A / liquid B), accessories
**REF 1152** SingleDose 50 pcs., accessories
**REF 1153** SingleDose 200 pcs., accessories
**REF 2247** Single Tim, application brushes, 100 pcs.
**REF 2315** Mixing palettes, 20 pcs.

**REF 1226** Bottle 2 x 4 ml
**REF 2249** Micro Tim, fine application brushes, 100 pcs.
**REF 2315** Mixing palettes, 20 pcs.
**REF 2338** Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.
An overview of our glass ionomer restorative materials can be found on page 42.

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<th>Cavity class</th>
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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
• 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 bonding agents

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 for outstanding adaption
• Excellent handling, even in difficult-to-access areas
• Available in the non-dripping NDT®-syringe
• Compatible with all conventional bonding agents and composites / ORMOCER® restorative materials

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

REF 2812  Syringe 2 × 2 g universal, accessories
REF 2148  Application cannulae type 46, 100 pcs.

REF 2432 Bottle 2 × 4 ml
REF 2479 Bottle 4 ml
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 loosened 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
Fillings in 14, 15 in need of replacement due to secondary caries
15 with the distal marginal ridge modelling complete
Completed restoration
Source: Dr. Walter Denner, Fulda / Germany
Insufficient composite fillings of teeth 11 and 21
Application of increments using GrandioSO A3.5
Completed restoration
Source: Dr. Sanzio Marques, Passos / Brazil
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
• High shade stability
• Very good polishability and durable brilliance
• Extremely high radiopacity (500 %Al) of the shade WO for especially good contrast to the tooth substance and to other restoratives
• Available in the non-dripping NDT®-syringe and Flow-Caps with flexible metal cannulae

Shade | Syringe 2 x 2 g | Caps 16 x 0.25 g
--- | --- | ---
A1 | REF 2722 | REF 2742
A2 | REF 2723 | REF 2743
A3 | REF 2724 | REF 2744
A3.5 | REF 2725 | REF 2745
A4 | REF 2726 | REF 2746
B1 | REF 2729 | REF 2749
B2 | REF 2730 | –
C2 | REF 2732 | –
Incisal | REF 2733 | –
OA2 | REF 2734 | –
BL | REF 2736 | –
WO | REF 2737 | –
GA5 | REF 2727 | –
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

---

**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 loosened 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

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

---

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

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

**Caps**
- 16 × 0.25 g
- 80 × 0.25 g

**Syringe**
- 5 × 4 g
- 2 × 2 g A3

---

**REF 9301**
- Dispenser – Caps
- Shade: Universal, A1, A2, A3
- Syringe: 4 g
- Caps: 16 × 0.25 g

---

**REF 1168**
- Glass fibre strands 5 × 55 mm
- Test Kit 5 glass fibre strands 55 mm each, model, application aids, GrandioSO Heavy Flow syringe 2 × 2 g A3, accessories
**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
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
Splinting 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

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<th>Base shade</th>
<th>Opaque</th>
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<th>Caps 16 × 0.25 g</th>
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<td>High opaque, HO</td>
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REF 1932 and 1949 are not available in Canada
**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 hyper-sensitive cervical areas, especially in the visible anterior area
Highly aesthetic correction of mal-positions 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

**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
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
• Heating 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

Polished and rehydrated class II cavities the day after filling placement

Source: Dr. Fernando Feitosa, Americana / Brazil
**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-leveling  
- 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 Case**

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

Source: Prof. Jürgen Manhart, Munich / Germany
Arabesk

Light-curing micro-hybrid composite with VOCO Sintraglas® multifiller system

**Indications**
- Class I to V fillings
- Reconstruction of traumatically affected anteriors
- Shape and shade corrections for improved aesthetic appearance
- Locking and splinting of loose teeth
- Extended fissure sealing for molars and premolars
- Veneer repairs
- Core build-up under crowns
- Especially suitable for composite inlays

**Advantages**
- High abrasion resistance and stability
- Good packability and shaping
- Good aesthetics and shade adaptation to the tooth
- Excellent polishability
- Universal for all cavity classes

---

Arabesk Flow

Flowable light-curing glass-ceramic micro-hybrid resin-based dental restorative material

**Indications**
- Filling of small cavities
- Extended fissure sealing
- Filling of cavities class III to V
- Lining, coating of cavities
- Repairing composite fillings and veneers
- Luting of full ceramic restorative pieces

**Advantages**
- Fine-flowing with excellent wetting capability
- Very good aesthetics (chameleon effect)
- Thixotropic properties
- High adhesion with Solobond M
- Precise application
- Economical

---

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
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
An overview of our composite restorative materials can be found on page 24.

<table>
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<tr>
<th>Glass ionomer materials</th>
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<tr>
<td>Light-curing glass ionomer restorative materials</td>
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<tr>
<td>Glass ionomer restorative material</td>
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<tr>
<td>Glass ionomer composite cement</td>
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<tr>
<td>Fast-setting glass ionomer restorative material</td>
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<tr>
<td>Temporary treatment of deciduous teeth</td>
</tr>
<tr>
<td>Class I / II / III core build-ups / extended fissure sealing / base / liner / core build-ups</td>
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<tr>
<td>Class I / II caries / cervical defects</td>
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<thead>
<tr>
<th>Glass ionomer restorative materials</th>
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<tbody>
<tr>
<td>IonoStar Plus capsule</td>
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<tr>
<td>IonoStar Molar capsule</td>
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<tr>
<td>VOCO Ionofill Molar AC capsule</td>
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<tr>
<td>Quick capsule</td>
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<tr>
<td>VOCO Ionofill Molar handmix</td>
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<tr>
<td>Ionoseal syringe, tube</td>
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<tr>
<td>Ionolux capsule</td>
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<td>Ionolux handmix</td>
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<tr>
<th>Working time [min.]</th>
<th>Setting time [min.]</th>
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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  
- Also suitable for big cavities  
- 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  
- Biocompatible  
- 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

**References**

REF 2115 Set application capsule 50 pcs.  
(10 x A1, 10 x A2, 30 x A3)  
REF 2117 Application capsule 20 pcs. A1  
REF 2118 Application capsule 20 pcs. A2  
REF 2119 Application capsule 20 pcs. A3  
REF 2120 Application capsule 20 pcs. A3.5  
REF 2121 Application capsule 20 pcs. B1  
REF 2122 Application capsule 150 pcs. A2  
REF 2123 Application capsule 150 pcs. A3  
REF 1990 Powder / liquid (12 g / 5 ml) A1, accessories  
REF 1991 Powder / liquid (12 g / 5 ml) A2, accessories  
REF 1992 Powder / liquid (12 g / 5 ml) A3, accessories  
REF 2331 Applicator – AC type 1  
REF 2303 Mixing pads 70 x 80 mm, with adhesive back, 4 pcs.  
REF 2169 VOCO Trifill instrument, 10 pcs.
**IonoStar® Plus**

*Fast-setting 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
- 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

**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**
- 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

**DIRECT RESTORATION**

**Restoratives**
- (Composites)
- (Glass ionomer materials)
- (ORMOCER®s)
- Bonding
- Compomers

**Indirect Restoration**

**Devices**
- (Various)
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

References
- REF 1630 Set application capsule 48 pcs. (8 × A1, 8 × A2, 32 × A3), Final Varnish LC bottle 3 ml
- REF 1631 Application capsule 48 pcs. A1
- REF 1634 Application capsule 48 pcs. A2
- REF 1632 Application capsule 48 pcs. A3
- REF 1241 Final Varnish LC bottle 2 × 3 ml
- REF 2331 Applicator – AC type 1
- REF 9300 Activator – AC
- REF 2169 VOCO Trifill instrument, 10 pcs.
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

REF 1016 Bottle 5 ml, accessories
REF 2245 Easy Brush, application brushes, 50 pcs.
REF 2315 Mixing palettes, 20 pcs.
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 composite blocks and discs.

For 3D printing work we recommend our perfectly coordinated materials for additive printing of objects.
Grandio® blocs · Grandio® disc

Nano-ceramic hybrid CAD / CAM material

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

Size disc

<table>
<thead>
<tr>
<th>Low translucent (LT)</th>
<th>5 x No. 12</th>
<th>5 x No. 14L</th>
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<tbody>
<tr>
<td>A1 LT</td>
<td>REF 6003</td>
<td>REF 6018</td>
</tr>
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<td>A2 LT</td>
<td>REF 6004</td>
<td>REF 6019</td>
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<td>A3 LT</td>
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<td>REF 6020</td>
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<tr>
<td>A3.5 LT</td>
<td>REF 6006</td>
<td>REF 6021</td>
</tr>
<tr>
<td>B1 LT</td>
<td>REF 6007</td>
<td>REF 6022</td>
</tr>
<tr>
<td>C2 LT</td>
<td>REF 6008</td>
<td>REF 6023</td>
</tr>
<tr>
<td>BL LT</td>
<td>REF 6009</td>
<td>REF 6024</td>
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<table>
<thead>
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<th>5 x No. 12</th>
<th>5 x No. 14L</th>
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<tbody>
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<td>A1 HT</td>
<td>REF 6012</td>
<td>REF 6027</td>
</tr>
<tr>
<td>A2 HT</td>
<td>REF 6013</td>
<td>REF 6028</td>
</tr>
<tr>
<td>A3 HT</td>
<td>REF 6014</td>
<td>REF 6029</td>
</tr>
<tr>
<td>A3.5 HT</td>
<td>REF 6015</td>
<td>REF 6030</td>
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<th>Shade Mixed*</th>
<th>REF 6033</th>
<th>REF 6034</th>
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<tbody>
<tr>
<td>*(1 each of A1 LT, B1 LT, C2 LT, BL LT, A1 HT)</td>
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Grandio® disc

<table>
<thead>
<tr>
<th>Low translucent (LT)</th>
<th>1 x 15 mm, ø 98.4 mm</th>
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<tbody>
<tr>
<td>A1 LT</td>
<td>REF 6050</td>
</tr>
<tr>
<td>A2 LT</td>
<td>REF 6051</td>
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<tr>
<td>A3 LT</td>
<td>REF 6052</td>
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<tr>
<td>A3.5 LT</td>
<td>REF 6053</td>
</tr>
<tr>
<td>B1 LT</td>
<td>REF 6054</td>
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<tr>
<td>C2 LT</td>
<td>REF 6055</td>
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<tr>
<td>BL LT</td>
<td>REF 6056</td>
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<th>High translucent (HT)</th>
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<td>A2 HT</td>
<td>REF 6058</td>
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<tr>
<td>A3 LT</td>
<td>REF 6059</td>
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<tr>
<td>A3.5 HT</td>
<td>REF 6060</td>
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</tbody>
</table>

Grandio disc is not available in Canada
V-Print splint
Material for 3D printing

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

**Advantages**
- Medical device, class IIa
- Biocompatibility and neutral flavour ensure high level of patient acceptance
- 385 nm wavelength allows aesthetically pleasing clear-transparent print
- High flexural strength for durable objects
- High degree of precision and thus accurate fit for highly comfortable wear

**V-Print SG**
Material for 3D printing

**Indications**
- Dental drilling templates

**Advantages**
- Medical device, class IIa
- Biocompatibility and neutral flavour ensure high level of patient acceptance
- 385 nm wavelength allows aesthetically pleasing clear-transparent print
- Dimensional stability and autoclavability for a high level of patient safety

**V-Print model**
Material for 3D printing

**Indications**
- Dental working and presentation models

**Advantages**
- Workpieces can be ground precisely, without undesirable changes (e.g. caused by heat influx)
- Non-scratch, very hard surface allows trial fitting without deformation
- Suitable for deep-drawing processes – no deformation caused by heat influx from deep-drawing temperature
- High degree of precision for optimally fitting restorations
<table>
<thead>
<tr>
<th>Luting Material</th>
<th>Direct</th>
<th>Indirect</th>
<th>Various</th>
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**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 1217 | 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 1218 | QuickMix syringe 10 g universal, accessories |
| REF 1219 | QuickMix syringe 10 g transparent, accessories |
| REF 1759 | QuickMix syringe 10 g white-opaque, accessories |
| REF 2261 | Dispenser – QuickMix |
| REF 2191 | Mixing tips type 11, 50 pcs. |
| REF 2139 | Intraoral tips type 1, 50 pcs., to be used in the root canal |
| REF 2142 | Intraoral tips type 4, 50 pcs. |

---

**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 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

| REF 1106 | Bottle 5 ml |
| REF 1107 | SingleDose 50 pcs., accessories |
Meron Plus
Resin reinforced glass ionomer luting cement

**Indications**
Luting of
- porcelain-fused-to-metal crowns, bridges on hard dental tissue and on cores rebuilt with amalgam, composites or glass ionomer materials
- metal inlays, onlays, crowns and bridges
- root posts
- all-ceramic crowns manufactured from silicate ceramic, zirconium dioxide-only or alumina-only ceramic cores
- orthodontic appliances

**Advantages**
- High adhesion values compared with conventional glass ionomer luting cements
- Precise marginal fit
- Thixotropic: Very good wetting behaviour without unwanted run-off
- Low film thickness
- Moisture and acid resistant
- Simple removal of excess material thanks to long elastic phase
- Self-adhesive: secure and quick bonding
- Also suitable for high-strength zirconium dioxide ceramics

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

---

REF 1731 Powder 15 g
REF 1732 Liquid 10 ml
REF 1736 Application capsule 50 pcs.
REF 1737 Application capsule 150 pcs.
REF 2331 Applicator – AC type 1
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

---

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

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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

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**Ref** 1242 Application capsule 50 pcs.
**Ref** 1243 Application capsule 150 pcs.
**Ref** 2331 Applicator – AC type 1

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**Ref** 1086 Set powder / liquid (35 g / 15 ml)
**Ref** 1090 Set mini powder / liquid (15 g / 7 ml)

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**Ref** 1172 Powder 35 g with dropping bottle
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 plastic bases
Reluting secondary elements in prostheses with plastic 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.

Application

Implant with fitted attachments
Prosthetic base with the recesses for the attachments already created
Checking the accuracy of the fit with Fit Test C & B
Checking of attachments for fitting accuracy with Fit Test C & B
Blocking out, covering of primary parts / gingiva with Fit Test C & B
Applying Quick Up from the QuickMix syringe
Applying Quick Up LC to correct deficits and superficial defects
Luted attachment in the prosthesis

REF 1625 Set QuickMix syringe 7.5 g,
Quick Up LC syringe 2 g,
adhesive bottle 4 ml,
Fit Test C & B QuickMix syringe
5 ml, accessories
REF 1626 QuickMix syringe 7.5 g,
accessories
REF 1627 Quick Up LC syringe 2 g,
accessories
REF 1628 Adhesive bottle 4 ml, accessories
REF 2189 Mixing tips type 10, 50 pcs.
REF 2144 Application cannulae type 44,
100 pcs.
REF 2261 Single Tim, application brushes,
100 pcs.
REF 2315 Mixing palettes, 20 pcs.
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

Clinical case

Etching of enamel surface
Application of BrackFix Primer
Simple application of BrackFix Adhesive to bracket
Simple and secure positioning on the tooth
Tooth 11 (upper right central incisor) prior to polymerisation and removal of excess adhesive
Illumination with UVA light following removal of brackets
Controlled removal of BrackFix residues
Under UVA light (for demonstration purposes)
Final check with UVA light. No adhesive residues remain

Source: Dr. Felipe Moura / Brazil
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), 1 reamer (ø 0.7 mm), Ceramic Bond bottle 5 ml, Futurabond DC SingleDose 16 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), 2 reamer (ø 0.7 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 1776 Post 12 (ø 1.2 mm), 5 pcs.
REF 1777 Post 15 (ø 1.5 mm), 5 pcs.
REF 1778 Post 20 (ø 2.0 mm), 5 pcs.
REF 1780 Drill 10 (ø 1.0 mm), 1 pcs.
REF 1779 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.
REF 1769 Reamer (ø 0.7 mm), 3 pcs.

Posts illustrations are not the actual size.

Metal post – root fractures  Rebilda Post – dentine-like E-modulus
**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>
<thead>
<tr>
<th>Number of single fibres</th>
<th>Ø (mm)</th>
<th>0.8</th>
<th>1.0</th>
<th>1.2</th>
<th>1.4</th>
</tr>
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<tbody>
<tr>
<td>Ø (mm)</td>
<td>0.8</td>
<td>1.0</td>
<td>1.2</td>
<td>1.4</td>
<td></td>
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</tbody>
</table>

**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
Rebilda Post inserted into the root canal

Prepared build-up – ready for impression
Root-canal filling with marginal integrity, up to the apex

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 8 shades
• Durability
  – high compressive strength
  – excellent fracture resistance

Clinical Case
Initial situation
Prepared cores
Finished temporary bridge
Appealing result
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 8 shades for natural aesthetics
- Long-lasting temporaries
- High stability of shape and shade
- Very economical due to minimal material loss
- Natural fluorescence

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 with calcium hydroxide and bacteriostatic effect
Structur Premium
Highly aesthetic composite material for the fabrication of provisional crowns and bridges

**Indications**
Fabrication of highly aesthetic 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

<table>
<thead>
<tr>
<th>Shade</th>
<th>Cartridge 75 g, mixing tips type 6</th>
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<tbody>
<tr>
<td>A1</td>
<td>REF 1712</td>
</tr>
<tr>
<td>A2</td>
<td>REF 1713</td>
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<tr>
<td>A3</td>
<td>REF 1714</td>
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<td>A3.5</td>
<td>REF 1717</td>
</tr>
<tr>
<td>B1</td>
<td>REF 1718</td>
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<tr>
<td>B3</td>
<td>REF 1715</td>
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<tr>
<td>BL</td>
<td>REF 1716</td>
</tr>
</tbody>
</table>

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

REF 1055 QuickMix syringe 5 ml universal, accessories
REF 2261 Dispenser – QuickMix
REF 2188 Mixing tips type 9, 50 pcs.
Provicol® QM Plus
Eugenol-free temporary luting cement with calcium hydroxide

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

Advantages
- Increased strength for more retention and secure adhesion
- High level of radiopacity
- Semi-elastic properties for safe adhesion of the temporary
- Calcium hydroxide – supports the formation of tertiary dentine – bacteriostatic
- 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

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

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- Calcium hydroxide – supports the formation of tertiary dentine – bacteriostatic
- 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
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
• Non-sticky
• Time-saving through light-curing
• Elastic
• Flowable

Clip
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
• Durable and saliva-proof
• Time-saving through light-curing
• Specifically useful in inlay / onlay technique

Clip F
Light-curing filling material with fluoride for temporary restorations

Indications
See Clip

Advantages
See Clip

REF 1282 Syringe 2 × 1.8 g, accessories
REF 2148 Application cannulae type 46, 100 pcs.

REF 1284 Syringe 2 × 4 g
REF 1285 Syringe 3 × 4 g
REF 1287 Caps 25 × 0.25 g
REF 9301 Dispenser – Caps

REF 1289 Syringe 2 × 4 g
REF 1283 Syringe 3 × 4 g
**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 cases and procedures]

### 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
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- No heat development in the mouth
- Good colour stability
- As easy as taking an impression
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**Clinical Case**

[Images of dental cases and procedures]

### Ufi Gel® hard C · Ufi Gel® hard

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- As easy as taking an impression
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- Smooth surface
- New layers can be added at any time

**Clinical Case**

[Images of dental cases and procedures]
Ufi Gel® SC · Ufi Gel® P
Permanently soft, cold-curing relining material on silicone base

**Indications**
Permanent 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**
- REF 2041 Set cartridge 50 ml, adhesive bottle 10 ml, glazing base 10 ml, glazing catalyst 10 ml, accessories
- REF 2040 Cartridge 50 ml, accessories
- REF 2029 Adhesive bottle 10 ml
- REF 2047 Glazing bottle 2 × 10 ml (base / catalyst)
- REF 2049 Polishing discs, 10 pcs.
- REF 2158 Dispenser – type 2
- REF 2187 Mixing tips type 8, 50 pcs.

**Ufi Gel® P**
- REF 2070 Set tube base 50 ml, catalyst 50 ml, glazing base 10 ml, glazing catalyst 10 ml, adhesive bottle 10 ml, accessories
- REF 2071 Tube 2 × 50 ml (base / catalyst)
- REF 2076 Adhesive bottle 10 ml
- REF 2309 Disposable brushes for dental brush holder, 100 pcs.
- REF 2315 Mixing palettes, 20 pcs.
- REF 2338 Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.
V-Posil Putty Fast · Heavy Soft Fast · Mono Fast

Precision impression material, VPS

**Indications**

V-Posil Putty 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**

- Highly hydrophilic A-silicone for maximum precision
- High dimensional accuracy
- Long working time combined with a short intraoral setting time*
- High recovery after deformation
- Good hydrophilicity, even after setting, renders pouring and thus the prosthetic restoration perfect

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

**V-Posil Putty Fast**
- REF 2561 Jar 2 × 450 ml, accessories
- REF 2562 Jar 8 × 450 ml, accessories
- REF 2563 Cartridge 380 ml, accessories
- REF 2564 Cartridge 2 × 380 ml
- REF 2203 Mixing tips type 30, 50 pcs.

**V-Posil Heavy Soft Fast**
- REF 2565 Cartridge 380 ml, accessories
- REF 2566 Cartridge 2 × 380 ml
- REF 2567 Cartridge 2 × 50 ml, accessories
- REF 2568 Cartridge 10 × 50 ml
- REF 2196 Mixing tips type 16, 50 pcs.
- REF 2203 Mixing tips type 30, 50 pcs.

**V-Posil Mono Fast**
- REF 2569 Cartridge 380 ml, accessories
- REF 2570 Cartridge 2 × 380 ml
- REF 2571 Cartridge 2 × 50 ml, accessories
- REF 2572 Cartridge 10 × 50 ml
- REF 2196 Mixing tips type 16, 50 pcs.
- REF 2203 Mixing tips type 30, 50 pcs.
- REF 2133 Intraoral tips type 6, 50 pcs.

**V-Posil Adhesive**
- REF 2578 Bottle 10 ml
**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**
- Highly hydrophilic A-silicone for maximum precision
- Long working time combined with a short intraoral setting time
- Exceptional toughness and recovery after deformation ensure safety during and after removal
- Good hydrophilicity, even after setting, renders pouring and thus the prosthetic restoration perfect

**Clinical Case**

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

Registrado® Clear

Transparent addition-curing silicone for bite registration, fast setting

**Indications**
- Bite registration
- Registration key for intraoral bearing device registration
- Fixing of X-ray balls
- Front and occlusal record
- Silicone key for composite restorations

**Advantages**
- High final hardness combined with high transparency
- Convincing material consistency, ensures adherence to the row of teeth
- Work without time pressure thanks to temperature-controlled curing process (accelerated curing starts only when mouth closed)
- High dimensional and shape stability (> 99 %)
- Light-curing can be carried out perfectly through a layer of Registrado Clear
Individo® 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

**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
**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

**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**
- 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

**ACID-FREE INTRAORAL CERAMIC REPAIR**

**Referenced Materials**

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>REF 2095</td>
<td>QuickMix syringe 5 ml, accessories</td>
</tr>
<tr>
<td>REF 2261</td>
<td>Dispenser – QuickMix</td>
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<tr>
<td>REF 2188</td>
<td>Mixing tips type 9, 50 pcs.</td>
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<tr>
<td>REF 2191</td>
<td>Mixing tips type 11, only with intraoral tips type 1, 50 pcs.</td>
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<td>REF 2139</td>
<td>Intraoral tips type 1, 50 pcs.</td>
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<td>REF 1196</td>
<td>Set coupling silane 8 x 0.3 ml, adhesive bottle 4 ml, Opaquer LC syringe 1.2 g, GrandioSO Caps 8 x 0.25 g (A1, 2 x A2, 2 x A3, A3.5, B2, GA3.25), accessories</td>
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<td>REF 1197</td>
<td>Coupling silane 4 x 0.3 ml, accessories</td>
</tr>
<tr>
<td>REF 1198</td>
<td>Adhesive bottle 4 ml</td>
</tr>
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<td>REF 1575</td>
<td>Opaquer LC syringe 1.2 g, accessories</td>
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<tr>
<td>REF 1201</td>
<td>SiC Grinding Bur, 4 pcs.</td>
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<td>REF 2147</td>
<td>Application cannulae type 45, 100 pcs.</td>
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<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>
The future of dentistry is digital. 3D printers play an ever-increasing role in the digital workflow of dental practices as well as laboratories. VOCO’s SolFlex series comprises sophisticated equipment in different sizes, offering possibilities for new processing dimensions.

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, devitalising pastes, moulds or material for blocking out.
SolFlex 350 · 650
Additive manufacturing for digital dentistry

Advantages
- DLP-Technology with a long-lasting UV-LED light source enables printing of clear transparent items such as splints
- Maximized building speed with high process reliability due to SMP technology
- Patented Flex-Vat technology – increasing printing speed while minimizing support structures, saving time and material
- Precise printing of high-viscosity materials / solid object with the PowerVat
- High vat volume allows production over night
- Processing of widely-used STL format

Technical Data SolFlex 350
Base area 400 × 400 mm
Build area 64 × 120 mm (3 exposure areas)
Max. build height 130 mm
Layer thickness 25 - 200 μm
Building capacity up to 6 / 12** splints
Building speed up to 138 mm/h, depending on layer thickness, material etc.
Pixel size 50 μm*
Precision ± 25 μm

Technical Data SolFlex 650
Base area 400 × 400 mm
Build area 128 × 120 mm (6 exposure areas)
Max. build height 130 mm
Layer thickness 25 - 200 μm
Building capacity up to 12 / 24** splints
Building speed up to 138 mm/h, depending on layer thickness, material etc.
Pixel size 50 μm*
Precision ± 25 μm
* Pixel Size and Print Volume may vary.
**Full arch splints. Printed on one or two levels with individual support.
SolFlex 170
Additive manufacturing for digital dentistry

Advantages
See SolFlex 350 - 650

Technical Data
Base area 296 × 318 mm
Build area 56 × 89 mm (1 exposure area)
Max. build height 120 mm
Layer thickness 25 - 200 μm
Building capacity up to 3 / 6** splints
Building speed up to 138 mm/h, depending on layer thickness material etc.
Pixel size 70 μm*
Precision ± 35 μm

* Pixel Size and Print Volume may vary.
** Full arch splints. Printed on one or two levels with individual support.

OtoFlash
Polymerisation unit for light-curing resin materials

Advantages
• Short curing times thanks to 2 flash bulbs on the underside
• Reliably curing due to intensive light output in a wavelength range of 280 - 580 nm
• The device can optionally be supplied with protective gas equipment

Technical Data
Dimensions of polymerisation chamber 120 × 120 × 50 mm
Rated voltage 100, 117, 230 volt AC, adjustable by switch
Power input 250 watt
Spectral distribution 280 - 700 nm, maximum between 400 and 500 nm
Flash frequency 10 flashes per second
Digital timer adjustable from 1 to 9,999 flashes
Dimensions 310 × 310 × 140 mm
Weight 6 kg
**VisCalor® Dispenser**

*Preheating dispenser for composite Caps*

**Indications**

Heating and application of highly filled composites in Caps

**Advantages**

- Effective handling – rapid heating and immediate application in one device
- Homogeneous heating 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

**NEW**

Ideal for use with VisCalor bulk (p. 37)

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**REF 9143** VisCalor Dispenser – Preheating device  
**REF 9144** Changeable tops 2 pcs.  
**REF 9145** Protective foils 100 pcs.
**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

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**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
**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

**Accessories**
- REF 9090 Celalux 3 (handpiece, battery charger, power cord with interchangeable mains adapters, 2 Device Bases, 8 mm light guide, rubber shield, operating instructions)

**GIC Mixer**

*Capsule mixing device*

**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

**Accessories**
- REF 9050 Capsule mixing device
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

**REF 1005**  Bottle 2 × 3 ml, accessories
**REF 2252**  Pele Tim, No. 1, 3.000 × ø 4 mm
Not available in Canada

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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

**REF 2250 No. 0**  3.000 × ø 3 mm
**REF 2252 No. 1**  3.000 × ø 4 mm
**REF 2253 No. 2**  1.000 × ø 5 mm
**REF 2254 No. 3**  500 × ø 8 mm
**REF 2255 No. 4**  500 × 6 × 8 mm
**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

**Dimanto®**

One step diamond polisher for pre- and high-gloss polishing of composites

**Indications**
Pre-polishing and high gloss polishing of finished composite restorations

**Advantages**
- Excellent polishing results
- Suitable for all composites – also for those of the latest generation
- Diamond-interspersed for efficient polishing
- Minimised outlay for instruments; pre-polishing and high gloss polishing with only one polisher
- Autoclavable and thus reusable
- Available in five different shapes for precise and individual polishing
- Can be used with or without water cooling

**REF 1661** Syringe 4 x 1.2 ml, accessories
**REF 2144** Application cannulae type 44, 100 pcs.

Not available in Canada
**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

**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

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**REF 2355**  50 pcs.

**REF 2289**  Bottle 1 l
**REF 2290**  Canister 5 l
**REF 2304**  Dispenser pump – canister 5 l

Not available in Canada
**Caps Dispenser**
Direct application dispenser for dispensing restorative materials in Caps

**Dispenser type 2**
Dispenser to extrude dental materials from cartridges

**Dispenser type 3**
Dispenser to extrude dental materials from cartridges

**QuickMix Dispenser**
Dispenser to extrude dental materials from QuickMix syringes

**AC Applicator type 1**
Forceps-type applicator to directly apply the content of VOCO application capsules (AC) into the cavity

**AC Applicator type 2**
Forceps-type applicator to directly apply the content of VOCO application capsules (AC) into the cavity

**AC Activator**
Device to activate VOCO application capsules (AC)

**Application brush dispenser**
Dispenser for hygienic removal of application brushes – can be repeatedly refilled with two types of brushes

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**REF 9301 Dispenser – Caps**
For 1:1 or 1:2 cartridges (50 ml)

**REF 2158 Dispenser – type 2**
For 1:1 or 1:2 cartridges (25 ml)

**REF 2259 Dispenser – type 3**

**REF 2261 Dispenser – QuickMix**
For 1:1 QuickMix syringes

**REF 2331 Applicator – AC type 1**

**REF 2334 Applicator – AC type 2**

**REF 9300 Activator – AC**

**REF 2244 Dispenser – application brushes**
### Mixing tips

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<th>REF 2185</th>
<th>Mixing tips type 6 for Structur Premium, Structur 2 in cartridge, Structur 3 in cartridge, 50 pcs.</th>
<th>REF 2194</th>
<th>Mixing tips type 14 for Bifix SE, Perfect Bleach Office+, 50 pcs.</th>
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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>
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<td>Mixing tips type 15 (with intraoral tips type 1) for Bifix SE, Perfect Bleach Office+, 50 pcs.</td>
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<td>REF 2187</td>
<td>Mixing tips type 8 for Ufi Gel hard C, Ufi Gel SC, 50 pcs.</td>
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<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>
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<td>REF 2188</td>
<td>Mixing tips type 9 for Bifix Temp, Fit Test C &amp; B, 50 pcs.</td>
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<td>Mixing tips type 19 for Rebilda DC in cartridge, bendable, 30 pcs.</td>
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<td>REF 2189</td>
<td>Mixing tips type 10 for Meron Plus QM, Provicol QM, Provicol QM Plus, Quick Up, Structur 2 in the QuickMix syringe, Structur 3 in the QuickMix syringe, 50 pcs.</td>
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<td>Mixing tips type 20 for die silicone, 50 pcs.</td>
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<td>REF 2191</td>
<td>Mixing tips type 11 for 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>
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<td>REF 2192</td>
<td>Mixing tips type 12 for Rebilda DC in cartridge, 50 pcs.</td>
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### Application aids

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<th>REF 2247</th>
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<td>REF 2249</td>
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<td>Endo Tim, application brushes, to be used in the root canal, 50 pcs.</td>
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<td>REF 2309</td>
<td>Disposable brushes for dental brush holder, 100 pcs.</td>
<td>REF 2245</td>
<td>Easy Brush, application brushes, 50 pcs.</td>
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<td>REF 2338</td>
<td>Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.</td>
<td></td>
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### Application cannulae

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<tr>
<th>Reference</th>
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<tbody>
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<td>2145</td>
<td>Application cannulae type 40 for Fissurit F / FX, 100 pcs.</td>
<td><img src="image1.png" alt="Image" /></td>
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<tr>
<td>2147</td>
<td>Application cannulae type 45 for Amaris Gingiva, Cimara Opaquerc LC, FinalTouch, Grandio Seal, 100 pcs.</td>
<td><img src="image2.png" alt="Image" /></td>
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<tr>
<td>2146</td>
<td>Application cannulae type 41 for Admira Fusion Flow, Calcimol LC, Grandio / SO Flow, Ionoseal, LC Dam, 100 pcs.</td>
<td><img src="image3.png" alt="Image" /></td>
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<tr>
<td>2148</td>
<td>Application cannulae type 46 for Admira Fusion x-base, Clip Flow, GrandioSO Heavy Flow, x-tra base, 100 pcs.</td>
<td><img src="image4.png" alt="Image" /></td>
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<tr>
<td>2310</td>
<td>Application cannulae type 42 for Vococid, 30 pcs.</td>
<td><img src="image5.png" alt="Image" /></td>
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<tr>
<td>2131</td>
<td>Application cannulae type 47 for Calcicur, 30 pcs.</td>
<td><img src="image6.png" alt="Image" /></td>
</tr>
<tr>
<td>2167</td>
<td>Application cannulae type 43 for VOCO Profluorid Varnish cartridge, 100 pcs.</td>
<td><img src="image7.png" alt="Image" /></td>
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<tr>
<td>2132</td>
<td>Application cannulae type 48 for Vococid, 50 pcs.</td>
<td><img src="image8.png" alt="Image" /></td>
</tr>
<tr>
<td>2144</td>
<td>Application cannulae type 44 for Admira Flow, Amaris Flow, Arabesk Flow, Block Out Gel LC, Quick Up LC, Twinky Star Flow, 100 pcs.</td>
<td><img src="image9.png" alt="Image" /></td>
</tr>
</tbody>
</table>

### Intraoral tips

<table>
<thead>
<tr>
<th>Reference</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>2133</td>
<td>Intraoral tips type 6 for V-Posil Mono Fast, 50 pcs.</td>
<td><img src="image10.png" alt="Image" /></td>
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<tr>
<td>2141</td>
<td>Intraoral tips type 3 for Rebilda DC in cartridge, V-Posil Light Fast, V-Posil X-Light Fast, 50 pcs.</td>
<td><img src="image11.png" alt="Image" /></td>
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<tr>
<td>2139</td>
<td>Intraoral tips type 1 for Bifix QM, Bifix SE, Perfect Bleach Office+, to be used in the root canal with Rebilda DC in the QuickMix syringe, 50 pcs.</td>
<td><img src="image12.png" alt="Image" /></td>
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<tr>
<td>2142</td>
<td>Intraoral tips type 4 for Bifix QM, Grandio Core Dual Cure in the QuickMix syringe, Rebilda DC in the QuickMix syringe, 50 pcs.</td>
<td><img src="image13.png" alt="Image" /></td>
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<tr>
<td>2140</td>
<td>Intraoral tips type 2 for Registrado Clear, Registrado X-tra, 50 pcs.</td>
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</tbody>
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### Mixing articles

<table>
<thead>
<tr>
<th>Reference</th>
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<td>2303</td>
<td>Mixing pads 70 × 80 mm, with adhesive back, 4 pcs.</td>
<td><img src="image15.png" alt="Image" /></td>
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<td>2168</td>
<td>VOOCO mixing spatula for cements, 20 pcs.</td>
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<td>2315</td>
<td>Mixing palettes, 20 pcs.</td>
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