





**DENTAL PROGRAMME 2014 · 2015** 



# WELCOME TO THE DENTALISTS!

Dear Customer,

You have picked up this catalogue wishing to gain an overview of our products. In view of the very broad line-up in this industry, we consider that in itself something not to be taken for granted. Thank you for the trust you are placing in us already at this point in time – we will not disappoint it. The caring and confidence-building relationship with our customers is one of the fundamental pillars of our company philosophy.

We are certain that you will agree that a truly satisfactory collaboration can only be established when the customer's requirements are recognised and taken seriously – a collaboration where we may benefit from your expertise in dentistry for our work as a researching dental enterprise. We dedicate all our efforts to the aim of offering you the same benefit in return, with products tailored precisely to your individual requirements.

Browse the following pages to inform yourself about our multifaceted portfolio for preventive, restorative and prosthetic dentistry, and get to know our products offering you highest VOCO quality for the following areas

- Oral-Care
- Direct Restoration
- Indirect Restoration as well as
- Various Products

This catalogue has been prepared in such a way as to show you at a glance all main characteristics of a product. This is helped, for instance, by our icons, which immediately indicate whether you are looking at a self-etch or a total-etch bonding agent, or for how many seconds a composite needs to be light-cured. 21 different symbols enable you to make a first assessment and evaluation within seconds, thus helping you search with ease for a suitable product.

If you have found the right product but still have questions, or if you require further information, our VOCO customer service will be happy to receive your call. Alternatively, please feel free to browse voco.com, our website offering you round-the-clock product details, scientific information, clinical case studies – and much more.

Your VOCO GmbH

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# **ICONS**

As usual, the VOCO catalogue provides you with comprehensive information on each individual product and offers you a quick and practical overview of the entire product range. You can now find the main product characteristics at a glance: our new icons visualise the core properties, giving you an immediate picture of whether a product is a self-etch or a total-etch bond, whether conditioning is required, or how many seconds a composite needs to be light-cured.

21 different 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

This product is based on nanohybrid technology.



#### Application of the material

This material is automatically mixed in the correct ratio before application.



#### 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.



#### Range of shades

This product is available in the number of shades indicated.



#### Indications

This product can be used for semipermanent types of treatment. 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 composition

This product contains the ingredient shown.



# Working directions

This product does not require additional polishing when completely cured. For detailed information, please consult the instructions for



## 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  $\ensuremath{\mathsf{NDT}}\xspace^-\ensuremath{\mathsf{syringe}}\xspace.$ 

# **Oral Care**

# Protection. Care. Conservation.

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.







Page			RDA values		special characteristics
7	CleanJoy	700 ppm	coarse (195), medium (127), fine (16)	mint	xylitol, "traffic light coding"
7	Klint			mint	cleaning particles made from special silicic acid

Fluori	Fluoridation $\cdot$ Desensitisation					
Page		fluoridation	desensitisation	ppm fluoride	presentation	flavour
11	Bifluorid 10	•	•	22,600 ppm	SingleDose, bottle	clinical
12	Remin Pro	•	•	1,450 ppm	tube	mint, melon, strawberry
13	VOCO Profluorid Varnish	•	•	22,600 ppm	SingleDose, tube, cartridge	mint, melon, caramel, cherry
14	14 Admira Protect		•		SingleDose, bottle	clinical
Whitening					-	

Fissu	Fissure sealing				
Page		% W/W	opaque	transparent	
œ	Control Seal	55 % w/w		•	
9	Grandio Seal	70 % w/w	•		
10	Fissurit FX	55 % w/w	•		
10	10 Fissurit F	n/s	•		
10	10 Fissurit	n/s		•	

# CleanJoy®

# Prophy paste for professional tooth cleaning and polishing



#### **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)



REF 2092 Tube 100 g coarse (red)
REF 2091 Tube 100 g medium (yellow)
REF 2090 Tube 100 g fine (green)

# **Advantages**

- Stable, homogenous consistency
- No splashing (2,000 3,000 r / min)
- Available in three abrasion grades, thus can be individually adjusted to each situation
- Traffic light coding: simple to use without confusion
- Can be used with any conventional instrument (small brush, cup, etc.)
- Contains fluoride (700 ppm)
- Contains xylitol (inhibiting effect on the metabolism of bacteria)
- The green polishing paste has a very low grade of abrasion and is therefore also suitable for the care of implants
- RDA values (measured in accordance with DIN EN ISO 11609)

 $\begin{array}{ll} - \mbox{ coarse (red)} & \mbox{RDA} = 195 \\ - \mbox{ medium (yellow)} & \mbox{RDA} = 127 \\ - \mbox{ fine (green)} & \mbox{RDA} = 16 \end{array}$ 

Pleasant light mint flavour

# **Klint**

# Fluoride-free paste for professional tooth cleaning and polishing

#### **Indications**

For manual or mechanical plaque removal

Tooth cleaning before caries prophylaxis, treatment of hypersensitive cervical areas and composite restorations

## **Advantages**

- Cleaning particles made of special silicic acid
- Thorough cleaning without damage to enamel
- · Pleasant light mint flavour



REF 2336 Tube 60 g





Highly filled, transparent fissure sealant with fluoride, light-curing

# **Indications**

Sealing / filling of pits and fissures

Sealing / facing of damaged enamel surfaces

Covering of predilection sites, e.g. within the scope of orthodontic treatments Sealing of composite or glass ionomer materials (protective layer against moisture) Sealing of deciduous teeth

Extended fissure sealing

# **Advantages**

- Transparency
  - visual diagnostics
  - laser fluorescence-based caries diagnostics
  - monitoring of caries progression underneath the sealant
- Highly filled
  - high flexural strength
  - high resistance to abrasion
  - high compressive strength
  - low shrinkage











REF 1303

Set syringe  $3 \times 2$  g, Vococid gel syringe  $3 \times 2$  mI, accessories

REF 1304 REF 2147

Syringe 2 g, accessories Application cannulae type 45,

100 pcs.

## **Clinical Case**





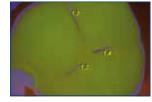


Tooth 27 after sealing



Tooth 27 six months after sealing







Tooth 27 - Laser fluorescence detection

Source: Prof. Dr. A. Braun, Marburg University / Germany

# 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**



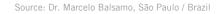






20 - 30 seconds light-curing













REF 1060 Set syringe 5 × 2 g, Vococid gel syringe 5 ml, accessories

REF 1061 Syringe 2 × 2 g, accessories

REF 2147 Application cannulae type 45, 100 pcs.

# Fissurit® FX

Filling of small cavities

# Highly filled light-curing fissure sealant with fluoride, white

## **Indications**

Sealing of fissures and occlusal surfaces for caries prophylaxis Sealing of extended fissures

# **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
- Perfect marginal adaptation
- Continuous fluoride release
- · White for easy visual control





REF 1181 REF 2145

Syringe  $2 \times 2.5$  g, accessories Application cannulae type 40, 100 pcs.

# 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



REF 1180 Bottle 2 × 3 ml

REF 1292 Syringe 2 x 2 g, accessories

REF 1293 Set syringe  $5 \times 2$  g, Vococid gel syringe 5 ml, Vococid bottle

2 × 3 ml, accessories

REF 2145 Application cannulae type 40,

100 pcs.

# Fissurit®

# Light-curing fissure sealant, transparent

## **Indications**

See Fissurit F

## **Advantages**

- Transparent
- · High stability and good adhesion to enamel
- · Clinically proven for years

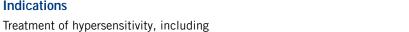


REF 1082 Bottle  $2 \times 3$  ml

# Bifluorid 10®

# Fluoride varnish for the treatment of dental hypersensitivity





- 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**

**Indications** 

- Immediately desensitising
- Formation of a protective coat against thermal and mechanical influences
- Transparent no discolouration of teeth
- Special varnish base reinforces long-term effect and deep fluoridation
- Economical and simple high yield, low cost, fast application
- Dries quickly
- Colophony-free

# Bifluorid 10<sup>®</sup> in practical SingleDose

- Easy, quick and hygienic
- No additional devices required
- No spilling in any position



REF 1615	Bottle 4 g, Solvent bottle 10 ml
REF 1616	Bottle 10 g
REF 1617	Bottle 3 $\times$ 10 g, Solvent bottle 10 ml, Pele Tim No. 1
REF 1618	SingleDose 50 pcs., accessories
REF 1619	SingleDose 200 pcs., accessories
REF 1032	Solvent bottle 10 ml
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.
REF 2249	Micro Tim, fine application brushes, 100 pcs.
REF 2252	Pele Tim, No. 1, $3.000 \times \emptyset 4$ mm





Fluoridation with Bifluorid 10 after a professional cleaning

# Remin Pro®

# Protective dental care with fluoride and hydroxy apatite



# **Indications**

After whitening

After professional cleaning

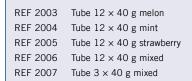
Prevention and control of hypersensitivities

During orthodontic treatments

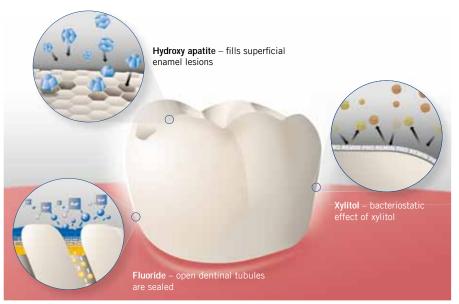
# **Advantages**

- 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



# **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**

- Tooth-shaded varnish
- Easy to apply with excellent adhesion even to wet tooth surfaces
- Four pleasant flavours
- Economical application in thin layers, high yield
- Ideal for treating cervical areas after professional cleaning and calculus removal

# **VOCO Profluorid® Varnish in practical** *SingleDose*

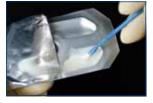
- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

Flavour	10 ml	50 ml
Melon	REF 1267	REF 1272
Caramel	REF 2232	_
Cherry	REF 2233	_
Mint	REF 2234	_
SingleDose		
Flavour	50 × 0.40 ml	200 × 0.40 m
Melon	REF 1269	REF 1271
Caramel	REF 2226	REF 2229
Cherry	REF 2227	REF 2230
Mint	REF 2228	REF 2231
Flavour	48 × 0.40 ml	50 × 0.25 ml
Melon	_	REF 1268
Mixed	REF 2225	_
Cartridge		
Flavour	5 × 1.70 ml	

# **Application**













# 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







REF 1650	Bottle 4.5 ml, accessories
	, and the second
REF 1651	SingleDose 50 pcs., accessories
REF 1652	SingleDose 200 pcs., accessories
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.
REF 2249	Micro Tim, fine application brushes, 100 pcs.

# 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

3.5 % H,0,



6 % H,0,

#### Perfect Bleach 10 %

REF 1658 Mini set 10 % - whitening gel syringe 4 × 2.4 ml with 10 % carbamide peroxide, storage box, cosmetic bag

REF 1660 Set 10 % – whitening gel syringe  $6\times2.4$  ml with 10 % carbamide peroxide, Block Out Gel LC syringe 1.2 ml, material for 2 trays, storage box, cosmetic bag, shade guide, accessories

REF 1662 Whitening gel syringe  $3 \times 2.4 \text{ ml}$ 

10 % carbamide peroxide

#### Perfect Bleach 16 %

REF 1659 Mini set 16 % – whitening gel syringe  $4 \times 2.4$  ml with 16 %carbamide peroxide, storage box,

cosmetic bag

REF 1664 Set 16 % – whitening gel syringe

 $6 \times 2.4$  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 Whitening gel syringe  $3 \times 2.4 \text{ ml}$ 

16 % carbamide peroxide

# Whitening gel for discoloured teeth

Perfect Bleach® Office+



35 % H,0,

auto mix

#### REF 1672 Set whitening gel QuickMix syringe 2 x 4 ml, LC Dam syringe $2 \times 2$ g, accessories REF 1673 Whitening gel QuickMix syringe 4 ml, accessories **REF 1655** LC Dam syringe 2 g, accessories REF 2194 Mixing tips type 14, 50 pcs. REF 2195 Mixing tips type 15 (with intraoral tips type 1), 50 pcs. **REF 2146** Application cannulae type 41, 100 pcs.

## **Indications**

Perfect Bleach Office+ is suited for whitening individual or multiple discoloured, vital or devitalised teeth. The whitening success depends on the natural tooth shade as well as the intensity and cause of the discolouration. It is possible to whiten discolourations of organic origin, which generally have the following causes:

- discolouration as a result of traumata
- discolouration caused by medication (e.g. tetracycline)

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

# **Advantages**

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



Careful rinsing and aspiration of the whitening gel



Palatinal view with applied gingiva protector LC Dam



Insertion of the whitening gel into the cavity with the enclosed fine



Tight obturation of the cavity with a glass ionomer material



Aesthetically convincing result

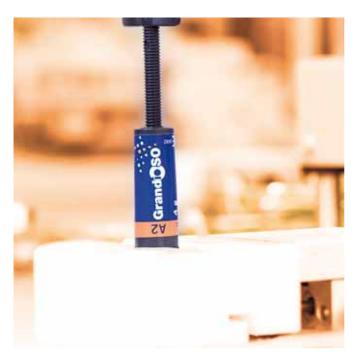


# **Direct Restoration**

Stability. Aesthetics. Economy.

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

# Self-curing radiopaque calcium hydroxide paste



## **Indications**

Indirect pulp capping Lining under all filling materials

# **Advantages**

**DIRECT RESTORATION** 

- Effective protection of the pulp
- Easy application
- Suitable working time
- Short setting time
- Contains 26 % calcium hydroxide
- Radiopaque
- Supports the formation of secondary dentine





REF 1097 Tube 2 pcs., base / catalyst

# 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 secondary dentine









REF 1047 Tube  $2 \times 5$  g

REF 1307 Syringe  $2 \times 2.5$  g, accessories Application cannulae type 41, **REF 2146** 

100 pcs.

# 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





REF 1093 Syringe 2.5 g, accessories
REF 2131 Application cannulae type 47, 30 pcs.

# **Amalgam Liner**

Ready-to-use insulating varnish with atomised silver under amalgam fillings



## **Indications**

Dentine protection/ lining under amalgam fillings

Sealing of amalgam fillings immediately after their insertion

# **Advantages**

- Effective protection of the pulp
- Insulation against chemical and bacterial influences
- Reduces the risk of leakage and secondary caries
- Binds excess mercury





REF 1024 Set bottle 4.5 g with Solvent

REF 1026 Bottle 9 g

REF 1032 Solvent bottle 10 ml

# Ionoseal®

# Light-curing glass ionomer composite liner



#### **Indications**

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

# **Advantages**

**DIRECT RESTORATION** 

- 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
- High biocompatibility
- Radiopaque









REF 1126 Tube  $2 \times 4$  g

REF 1326 Syringe  $3 \times 2.5$  g, accessories REF 2146

Application cannulae type 41,

100 pcs.

# Ionobond

Glass ionomer lining material with bonding effect



## **Indications**

For cavity lining and core build-up

# **Advantages**

- Excellent chemical adhesion to dentine and enamel
- High biocompatibility
- Continuous fluoride releases
- High compressive strength
- Low solubility
- Tooth-like thermal expansion





REF 1083 Powder / liquid (10 g / 15 ml), accessories

# Futurabond® U

# **Dual-curing universal adhesive**



## **Indications**

Direct and indirect restorations using any light-curing, self-curing or dual-curing methacrylate-based restorative, core build-up or luting composite

Intraoral repair of fillings, ceramic veneers and all-ceramic restorations without additional primer

Treatment of hypersensitive tooth necks

Protective varnish for glass ionomer cement restorations

Sealing of cavities prior to amalgam restorations or prior to temporary luting Luting of root posts with dual-curing or self-curing luting composites

# **Advantages**

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

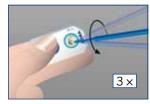
## Futurabond® U in practical SingleDose

- Easy, quick and hygienic
- No additional devices required
- No spilling in any position

# It's just that easy! Simply press! Simply bond!









DIRECT RESTORATION







REF 1571	SingleDose 50 pcs., accessories
REF 1572	SingleDose 200 pcs., accessories
REF 1574	SingleDose trial pack (SingleDose 20 pcs., Vococid gel syringe 2 ml, accessories)
REF 2246	Endo Tim, application brushes, to be used in the root canal, 50 pcs.
REF 2247	Single Tim, application brushes, 100 pcs.

DIRECT RESTORATION

# 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











REF 1515	Bottle 5 ml, accessories
REF 1516	Bottle 3 × 5 ml
REF 1518	Futurabond M+ DCA - bottle 2 ml
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® M

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

## **Indications**

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

- · 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 × 5 ml
REF 1352	SingleDose 50 pcs., accessories
REF 1353	SingleDose 200 pcs., accessories
REF 2247	Single Tim, application brushes, 100 pcs.
REF 2315	Mixing palettes, 20 pcs.

# **DIRECT RESTORATION**

# 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 dualand 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







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

- 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







REF 1148	Bottle 2 × 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.

# Solobond M

# Light-curing one-component dentine and enamel bond

#### **Indications**

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

# **Advantages**

DIRECT RESTORATION

- 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 1225 Set bottle 4 ml, Vococid gel syringe 5 ml, accessories

RFF 1226 Bottle 2 x 4 ml

RFF 2249 Micro Tim, fine application

brushes, 100 pcs.

REF 2315 Mixing palettes, 20 pcs.

Brush holder for VOCO disposable **REF 2338** dental brushes and Micro Tim,

5 pcs.

# Solobond Plus

# Light-curing dentine and enamel bond

### **Indications**

Direct restorations with composite restoratives for all cavity classes Adhesive luting of crowns, bridges, inlays, onlays and veneers with resin cements

# **Advantages**

- Quick and time-saving application
- · Can be used with or without dentine etching
- · For light-curing, dual-curing and self-curing composites
- · Two-component system optimised for dentine and enamel
- "Stick-immediately-effect" for simple application and modelling
- Universal for all restoratives







REF 1044 Set primer / adhesive bottle 2 x 4 ml, Vococid gel syringe 5 ml, accessories REF 1048 Primer bottle 4 ml REF 1049 Adhesive bottle 4 ml REF 2309 Disposable brushes for dental brush holder, 100 pcs. REF 2315 Mixing palettes, 20 pcs.

> Brush holder for VOCO disposable dental brushes and Micro Tim,

5 pcs.

# Vococid®

# Etchant for acid-etch-technique (contains phosphoric acid 35 %)

#### **Indications**

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

- · Contains 35 % orthophosphoric acid
- · Blue colour for visual control
- Non-dripping gel
- Also available as a liquid



REF 1063	Syringe 5 ml, accessories
REF 1066	Bottle 2 × 3 ml
REF 1224	Syringe $5 \times 2$ mI, accessories
REF 1255	Syringe 30 ml, empty syringe 2 × 2 ml, accessories
REF 1256	Empty syringe 10 × 2 ml
REF 2310	Application cannulae type 42, 30 pcs.
REF 2132	Application cannulae type 48, 50 pcs.

An overview of our glass ionomer restorative materials can be found on page 41.

# Restoratives (Composites)

	filler content [% w/w]		75	98	89	81	83	87	80	80	80	77	77	64	77	98		78	63		78	65	78
			multi-hybrid	multi-hybrid	nano-hybrid	nano-hybrid	nano-hybrid	nano-hybrid	nano-hybrid	fine-hybrid	fine-hybrid	micro-hybrid	fine-hybrid	micro-hybrid	micro-hybrid	multi-hybrid		micro-hybrid	micro-hybrid		compomer	compomer	compomer
	form of application		NDT® syringe, Caps	syringe, Caps	syringe, Caps	NDT® syringe, Caps	NDT® syringe, Caps	syringe, Caps	NDT® syringe, Caps	syringe, Caps	syringe	syringe, Caps	syringe	syringe, Caps	syringe	syringe		syringe, Caps	syringe, Caps		Caps	NDT® syringe	Caps
	translucent				П	П		П		4			П		П			1					
shades			2	1	13	10	10	13	10		1	7	9	8	9	1		6	4				9
					m	2	2	2	2		m	П						1			9	23	
	indirect inlays, onlays, veneers				•			•		•		•	•		•			•					
			•	•	•			•								•		•					
	restoration of deciduous core teeth build					•															•	•	•
			•			•	•		•					•					•				•
			•			•	•		•					•					•				
S			•	•	•	•	•	•	•	•	•	•	•	•	•			•	•				•
cavity class			•		•	•	•	•	•	•		•	•	•	•			•	•				•
cavit				•	•	•	•	•	•	•		•	•		•	•		•					~
			~ <b>•</b>	•	•	•	•	•	~ <b>•</b>	•		•	•		•	•		•					N <sub>0</sub>
			bulk filling	bulk filling	universal / aesthetic	universal / aesthetic	universal / aesthetic	universal	universal	highly aesthetic / 2-layer system	highly aesthetic / gingiva-coloured							aesthetic / biocompatible	aesthetic / biocompatible		coloured / sparkling	coloured / sparkling	
		Composites	x-tra base	x-tra fil	GrandioSO	GrandioSO Flow (medium viscosity)	GrandioSO Heavy Flow (high viscosity)	Grandio	Grandio Flow	Amaris / Amaris Flow	Amaris Gingiva	Arabesk Top	Arabesk	Arabesk Flow	Polofil Supra	Alfacomp LC	cer®s	Admira	Admira Flow	Compomers	Twinky Star	Twinky Star Flow	Glasiosite
	Page	Comp	26	27	28	29	30	32	33	34	35	36	36	37	37	37	Ormocer®s	38	39	Comp	40	40	40

small
 temporary
 coloured, with glitter effect

# 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

**DIRECT RESTORATION** 

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**

- 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 radiopacity (350 %AI)
- Self-levelling
- Can be combined with any methacrylate-based bonding or composite
- The non-dripping NDT®-syringe or convenient Flow-Caps with bendable metal cannulae ensure a reliable, precisely accurate application

## **Application**



A fully prepared cavity



Coating of the cavity walls with Futurabond DC



Start at the deepest point in the cavity ...



... and fill up to 4 mm with x-tra base



Apply a 2 mm occlusal layer of GrandioSO



Finished restoration



















REF 1790 Syringe  $2 \times 2$  g universal, accessories
REF 1791 Syringe  $2 \times 2$  g A2, accessories
REF 1794 Caps  $16 \times 0.25$  g universal
REF 1795 Caps  $16 \times 0.25$  g A2
REF 9301 Dispenser – Caps
REF 2148 Application cannulae type 46, 100 pcs.

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















REF 1739 Syringe  $10 \times 5$  g REF 1740 Syringe 5 g REF 1741 Caps 20 × 0.25 g REF 9301 Dispenser - Caps

# **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



Filling the palatal cavity



Finished treatment with x-tra fil

Source: Prof. Jürgen Manhart, Munich / Germany

# Grandio<sup>®</sup>SO

# Universal nano-hybrid restorative material







**DIRECT RESTORATION** 

# **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

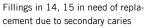
Composite inlays

# **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**







15 with the distal marginal ridge modelling complete



Completed restoration

Source: Dr. Walter Denner, Fulda / Germany



Insufficient composite fillings of teeth 11 and 21

Source: Dr. Sânzio Marques, Passos / Brazil



Application of increments using GrandioSO A3.5



Completed restoration













OA3.5

GA3.25

BL

GA5

REF 2633

REF 2635

REF 2613

REF 2616

**REF 2673** 

REF 2675

**REF 2653** 

REF 2656





REF 2600	Set syringe 5 × 4 g (A2, A3, A3.5, GA3.25, GA5), shade guide					
REF 2601	Set + bond syringe 5 × 4 g (A2, A3, A3.5, GA3.25, GA5), shade guide + Futurabond NR <i>SingleDose</i> 50 pcs., accessories					
REF 2640	Set Caps 80 × 0.25 g (16 each of A2, A3, A3.5, GA3.25, GA5), shade guide					
REF 2641	Set + bond Caps 80 × 0.25 g (16 each of A2, A3, A3.5, GA3.25, GA5), shade guide + Futurabond NR SingleDose 50 pcs., accessories					
REF 2607	Shade guide					
REF 9301	Dispenser – Caps					
IVEL JOUT	Dispenser – C	aps				
Shade	Syringe 4 g	aps Caps 16 × 0.25 g				
	•					
Shade	Syringe 4 g	Caps 16 × 0.25 g				
Shade A1	Syringe 4 g	Caps 16 × 0.25 g  REF 2650				
Shade A1 A2	Syringe 4 g  REF 2610  REF 2611	Caps 16 × 0.25 g  REF 2650  REF 2651				
Shade A1 A2 A3	Syringe 4 g  REF 2610  REF 2611  REF 2612	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652				
Shade A1 A2 A3 A3.5	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654				
Shade A1 A2 A3 A3.5 A4	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655				
Shade A1 A2 A3 A3.5 A4 B1	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615  REF 2619	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655  REF 2659				
Shade A1 A2 A3 A3.5 A4 B1 B2	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615  REF 2619  REF 2620	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655  REF 2659  REF 2660				
Shade A1 A2 A3 A3.5 A4 B1 B2 B3	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615  REF 2619  REF 2620  REF 2621	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655  REF 2659  REF 2660  REF 2661				
Shade A1 A2 A3 A3.5 A4 B1 B2 B3 C2	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615  REF 2619  REF 2620  REF 2621  REF 2624	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655  REF 2659  REF 2660  REF 2661  REF 2664				
Shade A1 A2 A3 A3.5 A4 B1 B2 B3 C2 D3	Syringe 4 g  REF 2610  REF 2611  REF 2612  REF 2614  REF 2615  REF 2619  REF 2620  REF 2621  REF 2621  REF 2624  REF 2627	Caps 16 × 0.25 g  REF 2650  REF 2651  REF 2652  REF 2654  REF 2655  REF 2659  REF 2660  REF 2661  REF 2664  REF 2667				

# 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

- 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 %AI) 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



















REF 2720 Set syringe 5 x 2 g (A1, A2, A3, A3.5, W0), shade guide, accessories  REF 2607 Shade guide  REF 9301 Dispenser – Caps								
REF 2146	Application ca 100 pcs.	nnulae type 41,						
Shade	Syringe 2 × 2 g	Caps 16 × 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

DIRECT RESTORATION





#### **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
- 12 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



Restoration immediately after polishing

Source: Dr. Walter Denner, Fulda / Germany





















REF 268		Set syringe 5 × 2 g (A2, A3, A3.5, W0, GA5), shade guide, accessories				
REF 260	7 Shade guide	Shade guide				
REF 930	01 Dispenser – C	Dispenser – Caps				
REF 214	Application ca 100 pcs.	Application cannulae type 46, 100 pcs.				
Shade	Syringe 2 × 2 g	Caps 16 × 0.25 g				
A1	REF 2684	REF 2704				
A2	REF 2685	REF 2705				
А3	REF 2686	REF 2706				
A3.5	REF 2687	REF 2707				
A4	REF 2688	REF 2708				
B1	REF 2690	REF 2712				
B2	REF 2691	_				
C2	REF 2692	_				
OA2	REF 2693	_				
BL	REF 2695	_				
WO	REF 2696	-				
GA5	REF 2689	-				

# **DIRECT RESTORATION**

# **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 composite bridges

For temporary treatment after extraction and replacing a missing tooth using an artificial tooth

For temporary or semi-permanent treatment of a tooth space using an extracted, natural tooth

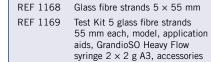
For temporary treatment after placing an implant during the osseointegration of the implant

# **Advantages**

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



Source: Dr. Walter Denner, treatment of a space after extraction using the extracted tooth and GrandTEC, Fulda / Germany



# **Grandio**®

# Universal nano-hybrid restorative material

DIRECT RESTORATION





#### **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 anteriors

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













D3

Incisal OA2

OA3.5

REF 1819

REF 1820

REF 1821

REF 1822

REF 1823

REF 1849

REF 1850

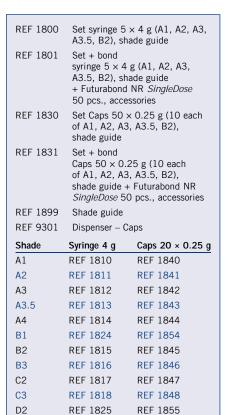
REF 1851

REF 1852

REF 1853







# 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





**DIRECT RESTORATION** 















REF 1860	Set syringe $8 \times 2$ g (A1, $2 \times A2$ , $2 \times A3$ , A3.5, B2, OA2), shade guide, accessories								
REF 1899	Shade guide	Shade guide							
REF 9301	Dispenser – Ca	aps							
REF 2146	Application ca 100 pcs.	Application cannulae type 41, 100 pcs.							
Shade	Syringe 2 × 2 g	Caps 20 × 0.25 g							
A1	REF 1863	REF 1880							
A2	REF 1864	REF 1881							
A3	REF 1865	REF 1882							
A3.5	REF 1866	REF 1883							
A4	REF 1868	REF 1884							
B1	REF 1869	REF 1885							
B2	REF 1867	REF 1886							
C2	REF 1873	REF 1887							
D2	REF 1874	-							
OA2	REF 1870	REF 1889							
BL	REF 1871	-							
WO	REF 1872	REF 1891							

# 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

DIRECT RESTORATION

## **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











REF 1930	Set syringe 8 x 04, 05, TL, Tl syringe 2 x 1.3 guide, accessor	× 4 g (01, 02, 03, N, TD), Amaris Flow 8 g (HT, HO), shade ries					
REF 1931	Set + bond syringe 8 × 4 g (01, 02, 03, 04, 05, TL, TN, TD), Amaris Flow syringe 2 × 1.8 g (HT, HO), shade guide + Futurabond NR SingleDose 50 pcs., accessories						
REF 1932	Set syringe 5 : TN, TD), shade	x 4 g (01, 02, TL, e guide					
REF 1949	(4 each of O1, TL, TN, TD), A	Starter set Caps $32 \times 0.25$ g (4 each of $01$ , $02$ , $03$ , $04$ , $05$ , TL, TN, TD), Amaris Flow syringe $2 \times 1.8$ g (HT, H0), shade guide,					
REF 1950	Set Caps $128 \times 0.25$ g (16 each of 01, 02, 03, 04, 05, TL, TN, TD), Amaris Flow syringe $2 \times 1.8$ g (HT, H0), shade guide, accessories						
REF 1951	Set + bond Caps 128 × 0.25 g (16 each of 01, 02, 03, 04, 05, TL, TN, TD), Amaris Flow syringe 2 × 1.8 g (HT, HO), shade guide + Futurabond NR SingleDose 50 pcs., accessories						
REF 1969	Shade guide						
REF 9301	Dispenser – Ca	ans					
REF 2144		nnulae type 44,					
Base shade Opaque	Syringe 4 g	Caps 16 × 0.25 g					
01	REF 1933	REF 1953					
02	REF 1934	REF 1954					
03	REF 1935	REF 1955					
04	REF 1936	REF 1956					
05	REF 1937	REF 1957					
O Bleach	REF 1938	REF 1958					
Enamel shad Translucent	le Syringe 4 g	Caps 16 × 0.25 g					
11.11.71	REF 1940	REF 1960					
Light, TL		1500					
Light, TL Neutral, TN		REF 1961					
<b>O</b> ,							
Neutral, TN	REF 1941	REF 1961					
Neutral, TN Dark, TD	REF 1941 REF 1942	REF 1961					
Neutral, TN Dark, TD Amaris Flow	REF 1941 REF 1942	REF 1961 REF 1962					

# 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 desease

Covering of exposed discoloured hypersensitive cervical areas, especially in the visible anterior area

Highly aesthetic correction of malpositions of teeth, for direct veneers, facings and corrections of the red-white aesthetics

# **Advantages**

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



REF 2338

**DIRECT RESTORATION** 







REF 1970 Set syringe 4 g base shade, syringe  $3 \times 1.2$  g opaquers (white, light, dark), shade guide, accessories

REF 1971 Syringe 4 g nature

**REF 2147** Application cannulae type 45, 100 pcs.

Disposable brushes for dental **REF 2309** brush holder, 100 pcs.

Brush holder for VOCO disposable

dental brushes and Micro Tim, 5 pcs.

# **Clinical Case**



The smile of a female patient showing fusion of the maxillary incisors



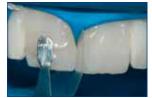
Teeth 11 and 12, as well as 21 and 22, respectively, appear to be a single tooth



Determining the individual shades of teeth and gingiva



Partial separation of the crown in the area later to become the approximal area



Modelling the individual teeth after partial separation, including closure of the diastema with Amaris



Ideally shaped teeth 12 to 22 after completion of finishing steps



Perfecting the work by sculpting an interdental papilla using Amaris Gingiva



"2 become 4" thanks to the optimal interplay of Amaris and Amaris Gingiva



Smile showing harmonious proportions of teeth, gingiva and lips

Source: Dr. Marlúcio de Oliveira, Divinópolis - MG / Brazil

# **Arabesk Top**

Light-curing micro hybrid composite restorative material





Class I to V fillings

Reconstruction of traumatically affected anteriors

Shape and shade corrections for improved aesthetic appearance

Locking and splinting of loose anteriors Extended fissure sealing for molars and premolars

Veneer repairs

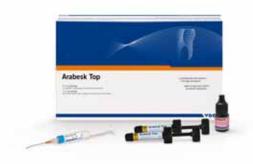
Core build-up under crowns

Especially suitable for composite inlays

# **Advantages**

**DIRECT RESTORATION** 

- Optimal handling
- Outstanding packability and shaping
- Excellent aesthetics
- Excellent polishability
- Chameleon effect for individual shade adaptation
- Long-lasting fillings
- Low polymerisation shrinkage
- Universal for all cavity classes











REF 1530 REF 2108 REF 9301	Set syringe 7 × 4 g (A2, A3, A3.5, B2, B3, C2, OA2), Vococid gel syringe 5 ml, Solobond M bottle 4 ml, shade guide, accessories Shade guide Dispenser – Caps						
Shade	Syringe 4 g	Caps 25 × 0.25 g					
A1	REF 1532	REF 1556					
A2	REF 1533	REF 1547					
A3	REF 1534	REF 1548					
A3.5	REF 1535	REF 1549					
B2	REF 1537	_					
В3	REF 1538	_					
C2	REF 1539	-					
OA2	REF 1541	-					

# **Arabesk**

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

## **Indications**

See Arabesk Top

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



REF 13	38	A3.5, B2, syringe 5	B3, I), Vo	nd M bottle
REF 210	05	Shade gui	de	
Shade Sy		ringe 4 g	Shade	Syringe 4 g
A1	RI	EF 1339	B2	REF 1343
A2	RI	EF 1340	В3	REF 1344
А3	RE	EF 1341	Incisal	REF 1346
A3.5	RI	EF 1342		

### 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











REF 9301	Dispenser – Caps	
REF 2144	Application cannulae type 44, 100 pcs.	
Shade	Syringe 3 g	Caps 25 × 0.25 g
A2	REF 1563	REF 1560
А3	REF 1564	REF 1561
A3.5	REF 1565	REF 1562

### 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





Solobond M bottle 4 ml, accessories Shade guide

**REF 2107** 

Shade	Syringe 4 g	Shade	Syringe 4 g
A1	REF 1361	B2	REF 1365
A2	REF 1362	В3	REF 1366
А3	REF 1363	Incisal	REF 1368
A3.5	REF 1364		

### Alfacomp LC

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

### **Indications**

Light-curing, grey-coloured composite for core build-ups and class I and II restorations

### **Advantages**

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













**REF 1058** Syringe 4 g

### Admira®

### Light-curing Ormocer® based restorative material

**DIRECT RESTORATION** 





### **Indications**

For cavities classes I to V

Reconstruction of traumatically affected anteriors

Veneering of discoloured anteriors

Correction of shape and shade for better aesthetics

Splinting, locking of teeth

Repair of veneers

Core build-up

Composite inlays

- High biocompatibility
- Excellent aesthetics
- Proven for years
- Non-sticky, easy modelling, good marginal adaptation
- Lower shrinkage than conventional composites
- Tooth-like thermal expansion behaviour
- Excellent adhesion to dentine and enamel with Admira Bond
- Abrasion-resistant and stable colours















REF 2420	Set syringe 7 × 4 g (A2, A3, A3.5, B2, B3, C2, OA2), Vococid gel syringe 5 ml, Admira bond bottle 4 ml, shade guide, accessories	
REF 2419	Set syringe II 7 × 4 g (3 × A2, 3 × A3, 1 × A3.5), Vococid gel syringe 5 ml, Admira Bond bottle 4 ml, shade guide, accessories	
REF 2431	Set syringe 3 × 4 g (A2, A3, A3.5), Vococid gel syringe 5 ml, Admira Bond bottle 4 ml, shade guide, accessories	
REF 2439	Shade guide	
REF 9301	Dispenser – Caps	
KEL 3201	Disperiser – C	Caps
Shade	Syringe 4 g	·
	•	·
Shade	Syringe 4 g	Caps 25 × 0.25 g
Shade A1	Syringe 4 g	Caps 25 × 0.25 g  REF 2451  REF 2452
Shade A1 A2	Syringe 4 g  REF 2421  REF 2422  REF 2423	Caps 25 × 0.25 g  REF 2451  REF 2452
Shade A1 A2 A3	Syringe 4 g  REF 2421  REF 2422  REF 2423	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453
Shade A1 A2 A3 A3.5	Syringe 4 g  REF 2421  REF 2422  REF 2423  REF 2424	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453
Shade A1 A2 A3 A3.5 A4	Syringe 4 g  REF 2421  REF 2422  REF 2423  REF 2424  REF 2425	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453
Shade A1 A2 A3 A3.5 A4 B2	Syringe 4 g  REF 2421  REF 2422  REF 2423  REF 2424  REF 2425  REF 2426	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453
Shade A1 A2 A3 A3.5 A4 B2 B3	Syringe 4 g  REF 2421  REF 2422  REF 2423  REF 2424  REF 2425  REF 2426  REF 2427	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453
Shade A1 A2 A3 A3.5 A4 B2 B3 C2	Syringe 4 g  REF 2421  REF 2422  REF 2423  REF 2424  REF 2425  REF 2426  REF 2427  REF 2428	Caps 25 × 0.25 g  REF 2451  REF 2452  REF 2453

### Admira® Flow

### Flowable light-curing Ormocer® based restorative material







### **Indications**

Fillings with minimally invasive preparation technique

Fillings of small cavities and extended fissure sealing

To block out undercuts

For lining or coating of cavity walls

Fillings of class III to V including

V-shaped defects and cervical caries

Repair of fillings and veneers

Luting of translucent prosthetic pieces

(e. g. full ceramic crowns etc.)

### **Advantages**

- Biocompatible and low-shrinkage
- Optimal flowability (thixotropic): highly flowable during application and handling, stable when at rest
- High material elasticity: stress-absorbing lining material
- Translucent and matching the shades of Admira exactly
- Excellent wetting properties
- Available in Caps or syringes with fine, long cannulae
- Time-saving application



**DIRECT RESTORATION** 







REF 2481	Set syringe 3 × 1.8 g (A2, A3, A3.5), Vococid gel syringe 5 ml, Admira Bond bottle 4 ml, shade guide, accessories
REF 9301	Dispenser – Caps
REF 2144	Application cannulae type 44, 100 pcs.

Shade	Syringe 2 × 1.8 g	Caps 25 × 0.25 g
A1	REF 2486	REF 2491
A2	REF 2482	REF 2492
А3	REF 2483	REF 2493
A3.5	REF 2484	REF 2494

### Admira® Bond

One-component dentine and enamel bond Ormocer® based





### **Indications**

Direct restoration with all types of lightcuring restoratives (Ormocer®s, composites, compomers)

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





REF 2432	Bottle 2 × 4 ml
REF 2479	Bottle 4 ml

### Twinky Star® · Twinky Star® Flow

Coloured light-curing compomer restorative material with glitter effect

DIRECT RESTORATION





### **Indications**

Fillings in deciduous teeth

### **Advantages**

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



Coloured Twinky Star fillings in deciduous teeth









REF 1679	Set + bond Caps 40 × 0.25 g (5 of each shade), shade guide +Futurabond M <i>SingleDose</i> 50 pcs.
REF 1680	Set Caps $40 \times 0.25$ g (5 of each shade), shade guide
REF 1689	Shade guide
REF 9301	Dispenser – Caps
REF 2144	Application cannulae type 44, 100 pcs.
Shade	Caps 25 × 0.25 g
Gold	REF 1681
Silver	REF 1682
Blue	REF 1683
Pink	REF 1684
Green	REF 1685
Orange	REF 1686
Lemon	REF 1687
Berry	REF 1688
Twinky Star®	Flow
Shade	Syringe 2 g
Blue	REF 1693
Pink	REF 1694

### Glasiosite®

### Light-curing compomer restorative material

### **Indications**

Restoration of deciduous teeth Filling of cavities class III and V Veneering of discoloured anteriors Long-term temporary restoration of class I and II cavities

Extended pit and fissure sealing

- · High abrasion resistance, compressive and transverse strength
- Very good adhesion to dentine and enamel with the self-etch-bond Futurabond NR
- Excellent modelling and polishing properties
- · High colour stability and translucency for permanent aesthetics
- · Continuous fluoride release



REF 16	10 × A4, 5 × B3,	$5 \times A2$ , 5 $5 \times C2$ ), Function $\times$ 4 ml, sha	uturabond NR
Shade	Caps 25 × 0.25 g	Shade	Caps 25 × 0.25 g
A2	RFF 1601	ΔΛ	RFF 1604

Shade	25 × 0.25 g	Shade	25 × 0.25 g
A2	REF 1601	A4	REF 1604
А3	REF 1602	В3	REF 1605
A3.5	REF 1603	C2	REF 1606

# Restoratives (Glass ionomer materials)

An overview of our composite restorative materials can be found on page 25.

1 non occlusion-bearing
 2 semi-permanent
 3 small fillings

### Ionolux®

### Light-curing glass ionomer restorative material

### **Indications**

Restorations class III and V, especially cervical fillings and root caries Fillings on deciduous teeth Small class I fillings Temporary fillings Core build-up Lining

### **Advantages**

DIRECT RESTORATION

- No conditioning of tooth surfaces before placement of the filling
- Easy to apply, can be modelled immediately
- Does not stick to the instrument
- Does not flow from the cavity
- No varnish required
- Ideal for Sandwich technique











REF 1990 Powder / liquid (12 g / 5 ml)

A1, accessories

REF 1991 Powder / liquid (12 g / 5 ml) A2,

accessories

Powder / liquid (12 g / 5 ml) REF 1992

A3, accessories

REF 2303 Mixing pads  $70 \times 80$  mm, with

adhesive back, 4 pcs.

### IonoStar® Molar

Glass ionomer restorative material



### **Indications**

Restorations of non occlusion-bearing class I cavities

Semi-permanent restorations of class I and II cavities

Restorations of cervical lesions, class V cavities, root caries

Restorations of class III cavities

Restoration of deciduous teeth

Base / liner

Core build-up

Temporary restorations

### **Advantages**

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







auto mix



REF 2520	Set application capsules 50 pcs. $(10 \times A1, 10 \times A2, 30 \times A3)$
REF 2522	Set application capsules 150 pcs. A2, AC Applicator type 1
REF 2523	Set application capsules 150 pcs. A3, AC Applicator type 1
REF 2524	Application capsules 20 pcs. A1
REF 2525	Application capsules 20 pcs. A2
REF 2526	Application capsules 20 pcs. A3
REF 2532	Application capsules 150 pcs. A2
REF 2533	Application capsules 150 pcs. A3
REF 2331	Applicator – AC type 1
REF 2334	Applicator – AC type 2
REF 2169	VOCO Trifill instrument, 10 pcs.

### **VOCO Ionofil® Molar AC · Quick**

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 lonofil Molar AC Quick the perfect material for the treatment of children and impatient patients
- Good aesthetics in three shades



REF 1241

DIRECT RESTORATION





Final Varnish LC bottle 2 x 3 ml



REF 2331	Applicator – AC type 1
REF 2334	Applicator – AC type 2
REF 9300	Activator – AC
REF 2169	VOCO Trifill instrument, 10 pcs.
VOCO Ionofil®	Molar AC
REF 1463	Set application capsules 48 pcs. $(8 \times A1, 8 \times A2, 32 \times A3)$ , Final Varnish LC bottle 3 ml
REF 1464	Application capsules 48 pcs. A1
REF 1460	Application capsules 48 pcs. A2
REF 1465	Application capsules 48 pcs. A3
VOCO Ionofil®	Molar AC Quick
REF 1630	Set application capsules 48 pcs. $(8 \times A1, 8 \times A2, 32 \times A3)$ , Final Varnish LC bottle 3 ml
REF 1469	Set application capsules 20 pcs. A3, AC Activator, AC Applicator type 1
REF 1631	Application capsules 48 pcs. A1
REF 1634	Application capsules 48 pcs. A2
REF 1632	Application capsules 48 pcs. A3

### **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

- 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











REF 1441	Powder / liquid, 3 x 15 g powder (A1, A2, A3), liquid bottle 10 ml, Final Varnish LC bottle 3 ml
REF 1447	Powder 15 g A1
REF 1442	Powder 15 g A2
REF 1443	Powder 15 g A3
REF 1448	Liquid 10 ml
REF 2168	VOCO mixing spatula for cements, 20 pcs.
REF 2169	VOCO Trifill instrument, 10 pcs.

### Ionofil® Plus · Ionofil® Plus AC

Glass ionomer restorative material



### **Indications**

Restoration of V-shaped defects and cervical enamel or root erosions including class V cavities

Build-up fillings and linings

Restoration of deciduous teeth

Restoration of cavities caused by carious lesions

Restorations of class III cavities and small class I cavities

Extended fissure sealing

### **Advantages**

DIRECT RESTORATION

- Spreadable consistency
- Good marginal adaptation
- Very good wetting behaviour
- Continuous fluoride release
- Improved glass ionomer technology
- Good aesthetics in four shades









REF 1700	Set application capsules 48 pcs. $(8 \times A1, 32 \times A3, 8 \times B3)$ , Final Varnish LC bottle 3 ml
REF 1701	Application capsules 48 pcs. A1
REF 1702	Application capsules 48 pcs. A3
REF 1703	Application capsules 48 pcs. B3
REF 1520	Powder / liquid 3 x 15 g powder (A1, A2, A3), liquid bottle 10 ml, Final Varnish LC bottle 3 ml, accessories
REF 1521	Powder 15 g A1
REF 1525	Powder 15 g A2
REF 1522	Powder 15 g A3
REF 1524	Liquid 10 ml
REF 2331	Applicator – AC type 1
REF 2334	Applicator – AC type 2
REF 9300	Activator – AC
REF 2168	VOCO mixing spatula for cements, 20 pcs.
REF 2169	VOCO Trifill instrument, 10 pcs.

### **Aqua Ionofil Plus**

Water-mixable glass ionomer restorative material

### Indications

Restoration of deciduous teeth

Restoration of V-shaped defects and cervical enamel or root erosions including class V cavities

Restoration of cavities caused by carious lesions

Restorations of class III cavities and small class I cavities

Extended fissure sealing

Build-up fillings and linings

- Improved glass ionomer technology
- Good aesthetics available in three shades
- · Simply mixed with water
- No danger of overacidification
- Spreadable consistency
- Good marginal adaptation











REF 1509	Powder 3 × 15 g (A1, A2, A3), Final Varnish LC bottle 3 ml, accessories
REF 1510	Powder 15 g A1
REF 1513	Powder 15 g A2
REF 1511	Powder 15 g A3
REF 2110	Shade guide
REF 2168	VOCO mixing spatula for cements, 20 pcs.
REF 2169	VOCO Trifill instrument, 10 pcs.

### **DIRECT RESTORATION**

### **Argion Molar AC**

Silver glass ionomer restorative material



### **Indications**

Restorations of class II cavities (not occlusion-bearing)

Core build-up

Temporary long-term treatment of class I and II cavities

Build-up fillings and linings

Restoration of deciduous teeth

### **Advantages**

- Very good packability
- Non-sticky consistency
- Highly radiopaque due to fine disperse silver particles
- Very high abrasion resistance, compressive and transverse strength
- Safe adhesion to dentine and enamel
- Continuous high fluoride release









REF 1476 Set application capsules 48 pcs., Final Varnish LC bottle 3 ml REF 2331 Applicator - AC type 1 REF 2334 Applicator - AC type 2 REF 9300 Activator - AC REF 2169 VOCO Trifill instrument, 10 pcs.

### **Argion**

Water-mixable silver glass ionomer restorative material for fillings

### **Indications**

Core build-up

Restoration of deciduous teeth

Build-up fillings and linings

Restoration of cavities caused by carious **lesions** 

### **Advantages**

- Very good radiopacity
- Continuous fluoride release
- · High compressive strength and stability
- Simply mixed with water
- All ingredients pre-dosed in powder form to prevent overacidification



REF 1176 Powder 15 g with dropping bottle

### 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**

DIRECT RESTORATION

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









REF 1016 Bottle 5 ml. accessories

REF 2245 Easy Brush, application brushes,

50 pcs.

REF 2315 Mixing palettes, 20 pcs.

### In combination with VOCO Ionofil® Molar and IonoStar®

- Protects against moisture and dehydration immediately after filling placement
- Tooth-like fluorescence
- Natural gloss

### Final Varnish LC

Light-curing varnish for glass ionomer materials



### **Indications**

Sealing and smoothing of glass ionomer materials surfaces after polishing

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 of the cervical margins of cementations immediately after removal of excess material

### **Advantages**

• Permanent protection and safe sealing



REF 1241 Bottle  $2 \times 3$  ml





### **Indirect Restoration**

Reliability. Practicality. Method.

Complicated clinical challenges are mastered using not just any product, but the best of its class – and VOCO offers you no less than that with its materials for indirect restorations. Resin-reinforced glass ionomer cements or composite-based dual-curing systems which are reliable to use for luting inlays, crowns and root posts. Highly aesthetic composite material for the fabrication of temporary crowns and bridges. Glass fibre-reinforced composite root posts for post-endodontic core build-up. Material for use in direct repairs of defects in ceramic restorations.



### Grandio®SO Inlay System

Set for chairside fabrication of indirect composite inlays



### **Advantages**

- Complete set for chairside fabrication of 15 composite inlays
  - full added value retained in the practice, no laboratory involvement
  - less expensive than CAD / CAM fabricated inlays
- Highest-quality, perfectly coordinated components
  - quick and simple fabrication of models
  - the premium composite GrandioSO guarantees durability and aesthetics
  - Futurabond DC and Bifix QM for secure bonding and luting
- Simple and efficient method
  - easy and convenient to fabricate, even for large multisurface restorations
  - fabrication of a row of inlays for treatment of neighbouring teeth
  - creation of approximal contacts without having to use the time-consuming and expensive matrix technique
  - perfect occlusal anatomy modelled extraorally
  - stress-free fabrication of tooth-coloured and durable restorations, even in patients who are reluctant to comply or non-compliant

# REF 2642 Set cartridge 3 × 50 ml die silicone, GrandioSO Caps 15 × 0.25 g (5 each of A2, A3, A3.5), Futurabond DC *SingleDose* 15 pcs., QuickMix syringe Bifix QM 10 g universal, Dimanto set (one each of small point,

large point, small cup, large cup,

REF 1186 Die silicone – cartridge  $2 \times 50$  ml, accessories

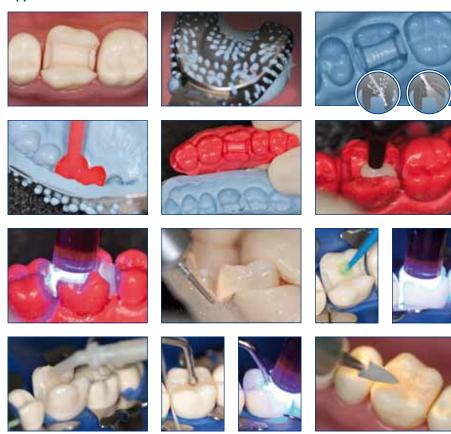
lens), accessories

REF 9301 Dispenser - Caps

REF 2202 Mixing tips type 20 for die

silicone, 50 pcs.

### **Application**



							•				
					•	•	•	•			
									•		
	guartz fibre		•	•	•	•				•	•
			•	•	•	•				•	•
posts			•	•	•	•				•	•
			•	•	•	•	•	•			
			•	•	•	•					
veneers				•							
				•							
Maryland bridges				•							
Maryl				•							
			•	•	•	•	•	•			
bridges			•	•	•	•	•	•			
			•	•	•	•	m.	•			
			•	•	•	•	•	•			
crowns			•	•	•	•	•	•			
			•	•	•	•	m <sub>•</sub>	•			
lys .			•	•	•	•	•	•			
inlays / onlays			•	•	•	•	•	•			
:       			•	•	•	•	•	•			
presentation			QuickMix syringe	QuickMix syringe	capsule / handmix	handmix	capsule	handmix	QuickMix syringe	QuickMix / cartridge	QuickMix / cartridge
type			composite	composite	resin-reinforced GIC <sup>1</sup>	GIC¹	GIC¹	GIC¹	composite	composite	composite
		Luting material	Bifix SE	Bifix QM	Meron Plus	Aqua Meron	Meron	Meron	Quick Up	Rebilda DC	Grandio Core Dual Cure
Page		Luting	20	51	52	25	53	53	54	26	22

<sup>&</sup>lt;sup>1</sup> glass ionomer luting cement <sup>2</sup> silicate / zirconium dioxide / aluminium oxide ceramics <sup>3</sup> also on implant abutments <sup>4</sup> ball, Locator<sup>®</sup>, telescope retention elements, as well as other holding elements

### Bifix® SE

### Dual-curing self-adhesive composite-based luting system





### **Indications**

Definitive luting of inlays, onlays, crowns and bridges made from ceramic, zirconium dioxide, composite and / or metal

Definitive luting of metal, ceramic and fibre-reinforced posts in the root canal

### **Advantages**

- No etching, no bonding
- Short intraoral setting time
- Easiest excess removal
- Very low water solubility
- Excellent adhesion to all restoration surfaces, including zirconium dioxide
- No mixing errors
- Excellent biocompatibility
- · Available in a choice of three colours





**INDIRECT RESTORATION** 











REF 1784	Set QuickMix syringe 3 × 5 g (universal, transparent, white-opaque), accessories
REF 1785	QuickMix syringe 5 g universal, accessories
REF 1786	QuickMix syringe 5 g transparent, accessories
REF 1787	QuickMix syringe 5 g white-opaque, accessories
REF 2195	Mixing tips type 15 (with intraoral tips type 1), 50 pcs.
REF 2194	Mixing tips type 14, 50 pcs.

### **Application**















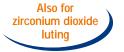
Easy excess removal during gel-phase. Tack-cure Bifix SE using the curing light for 1 - 2 seconds per surface. The excess gel-like material is easily removeable, e.g. with a scaler.

### Bifix® QM

### Dual-curing universal composite-based luting system







**INDIRECT RESTORATION** 

### **Indications**

Adhesive luting of inlays, onlays, facettes, veneers, crowns, partial crowns, pins, posts, bridges and adhesive bridges (Maryland bridges)

- 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
- Try-In pastes simplify shade selection before cementation
- All-in-one set

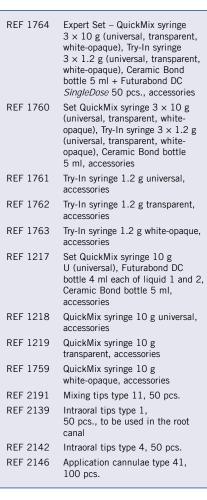












### Meron Plus · Meron Plus AC

### 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
- orthodontic appliances

### **Advantages**

- · Excellent adhesion to the dental structure
- · Precise marginal fit
- · Moisture and acid resistant
- Long elastic phase for efficient excess
- Self-adhesive: secure and quick bonding without primer or conditioner
- Thixotropic: no unwanted run-off, no rotating instruments required
- · Suited for high-strength zirconium dioxide ceramic pieces









REF 1731 Powder 15 g REF 1732 Liquid 10 ml **REF 1733** Application capsules 48 pcs.

REF 2331 Applicator - AC type 1 REF 2334 Applicator - AC type 2

REF 9300 Activator - AC

### **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



REF 1172 Powder 35 g with dropping bottle

### Ceramic Bond

Coupling agent for porcelain (incl. zirconium dioxide) and composite

### **Indications**

One-component silanisation agent for durable adhesive bonding of porcelain, also zirconium dioxide, to composites as well as for the pre-treatment of glass fibre reinforced composite posts

### **Advantages**

• Silanates the surfaces of full ceramic restorations and creates ideal conditions for a durable bond between ceramic, as well as zirconium dioxide and composite







REF 1106 Bottle 5 ml



### 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 (such as aluminium oxide, lithium disilicate and zirconium dioxide ceramics)
- metal-based and high-strength all-ceramic crowns and bridges (such as aluminium oxide, lithium disilicate and zirconium dioxide ceramics) on implant abutments
- metal root posts or indirect metal post core build-ups
- prefabricated steel crowns
- orthodontic bands

### Now in the new application capsule

- Activated quickly and simply, without activator
- Mix, open cannula and use immediately with an applicator
- Fits all conventional applicators

### **Advantages**

**INDIRECT RESTORATION** 

- 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











REF 1242 Application capsules 50 pcs.
REF 2331 Applicator – AC type 1
REF 2334 Applicator – AC type 2

### 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



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

### 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



- Very simple chairside use
- High strength values
- Complete set for immediate use, including checking and blockout 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.



**INDIRECT RESTORATION** 



auto mix



### 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 QuickMix syringe 7.5 g, REF 1626 accessories REF 1627 Quick Up LC syringe 2 g, accessories REF 2189 Mixing tips type 10, 50 pcs. REF 2144 Application cannulae type 44, 100 pcs. **REF 2247** Single Tim, application brushes, 100 pcs. REF 2315 Mixing palettes, 20 pcs.

### **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



QuickMix syringe



Applying Quick Up LC to correct deficits and superficial defects



Luted attachment in the

### **Grandio® Core Dual Cure**

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

**INDIRECT RESTORATION** 



### **Indications**

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

- 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















REF 1910	QuickMix syringe 10 g dentine, accessories
REF 1911	QuickMix syringe 10 g blue, accessories
REF 1912	QuickMix syringe 10 g white, accessories
REF 1913	Cartridge 53 g dentine, accessories
REF 1914	Cartridge 53 g blue, accessories
REF 1915	Cartridge 53 g white, accessories
REF 2259	Dispenser – type 3
REF 2191	Mixing tips type 11 for QuickMix syringe, 50 pcs.
REF 2142	Intraoral tips type 4 for QuickMix syringe, 50 pcs.
REF 2192	Mixing tips type 12 for cartridge, 50 pcs.
REF 2141	Intraoral tips type 3 for cartridge, 50 pcs.
REF 2199	Mixing tips type 19 for cartridge, bendable, 30 pcs.

### Rebilda® Post · Rebilda® Post System

Glassfibre-reinforced composite post · Adhesive core build-up system



New set:
Now also includes size
1 mm ø + Futurabond U

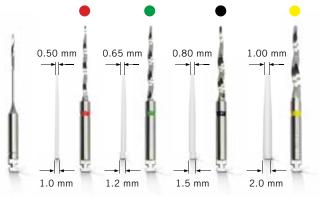


### **Indications**

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

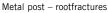
### **Advantages**

- Dentine-like elasticity behaviour, high transverse strength
- High radiopacity (350 %AI)
- 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
- grindable like dentine, very good physical properties
- low setting temperature



Posts illustrations are not the actual size.







Rebilda Post – dentine-like E-modulus

### 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 $\mathit{SingleDose}$ 15 pcs., Rebilda DC dentine QuickMix syringe 10 g, accessories Set II 5 posts each of (ø 1.0 mm, REF 1782 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 dentine QuickMix syringe 10 g, accessories REF 1775 Post 10 (ø 1.0 mm), 5 pcs. REF 1772 Post 12 (ø 1.2 mm), 5 pcs. REF 1773 Post 15 (ø 1.5 mm), 5 pcs. REF 1774 Post 20 (ø 2.0 mm), 5 pcs. REF 1780 Drill 10 (ø 1.0 mm), 1 pcs. Drill 12 (ø 1.2 mm), 1 pcs. REF 1777 REF 1778 Drill 15 (ø 1.5 mm), 1 pcs. REF 1779 Drill 20 (ø 2.0 mm), 1 pcs.

Reamer (ø 0.7 mm), 3 pcs.

REF 1769

### Rebilda® DC

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

**INDIRECT RESTORATION** 





### **Indications**

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

- 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















REF 139	5 Set cartridge 50 g dentine, Futurabond DC bottle each of 4 ml liquid 1 and 2, Dispenser type 3, accessories
REF 139	6 Cartridge 50 g dentine, accessories
REF 139	7 Cartridge 50 g blue, accessories
REF 139	8 Cartridge 50 g white, accessories
REF 140	Set QuickMix syringe 10 g dentine Futurabond DC bottle each of 4 ml liquid 1 and 2, accessories
REF 140	3 QuickMix syringe 10 g dentine, accessories
REF 140	4 QuickMix syringe 10 g blue, accessories
REF 140	5 QuickMix syringe 10 g white, accessories
REF 225	9 Dispenser – type 3
REF 219	1 Mixing tips type 11 for QuickMix syringe, 50 pcs.
REF 213	9 Intraoral tips type 1 for QuickMix syringe, 50 pcs., to be used in the root canal
REF 214	2 Intraoral tips type 4 for QuickMix syringe, 50 pcs.
REF 219	2 Mixing tips type 12 for cartridge, 50 pcs.
REF 214	<ol> <li>Intraoral tips type 3 for cartridge,</li> <li>pcs.</li> </ol>
REF 219	9 Mixing tips type 19 for cartridge, bendable, 30 pcs.

### Rebilda® SC

### Composite based self-curing flowable adhesive core build-up system



### **Indications**

Adhesive core build-up on vital and non-vital teeth

### **Advantages**

- Convenient and fast application
- Low heat development even in bulk application
- High adhesion with system bond fewer parapulpal pins
- In two shades: blue and dentine
- Toothlike surface hardness grindable like dentine
- High radiopacity
- Economical with shorter mixing tips





**INDIRECT RESTORATION** 







REF 1622 Cartridge 50 g dentine, accessories REF 1623 Cartridge 50 g blue, accessories REF 2259 Dispenser – type 3 REF 2192 Mixing tips type 12, 50 pcs. REF 2141 Intraoral tips type 3, 50 pcs.

### Rebilda® LC

Light-curing adhesive core build-up system



### **Indications**

Core build-up on vital and non-vital teeth and blocking-out

### **Advantages**

- Light-curing
- Time saving no mixing











REF 1505 Syringe  $2 \times 5$  g blue REF 1506 Syringe 2 x 5 g dentine

### **Structur Premium**

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

**INDIRECT RESTORATION** 







### **Indications**

Fabrication of highly aesthetic crowns, bridges, inlays and onlays

### **Advantages**

- Special incisal (I) shade facilitates the fabrication of temporaries in two-layer technique
- 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



auto mix semipermanent





REF 1710	Set cartridge type 2, acces	75 g A3, Dispenser ssories	
REF 2158	Dispenser – 1	type 2	
REF 2185	Mixing tips to 50 pcs.	ype 6 for cartridge,	
REF 2189	•		
	Cartridge 75 g,		
Shade	mixing tips type 6	Cartridge 5 × 75 g, mixing tips type 6	
A1	REF 1712	-	
A2	REF 1713	_	
А3	REF 1714	REF 1719	
A3.5	REF 1717	_	
B1	REF 1718	_	
В3	REF 1715	_	
BL	REF 1716	-	
Shade	QuickMix syring mixing tips type		
Incisal	REF 1726		

### 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

**INDIRECT RESTORATION** 













### REF 2500 Set cartridge 50 ml A2, Dispenser type 2, accessories REF 2501 Set cartridge 50 ml A3, Dispenser type 2, accessories REF 2158 Dispenser – type 2 REF 2185 Mixing tips type 6 for cartridge, 50 pcs. REF 2189 Mixing tips type 10 for QuickMix syringe, 50 pcs. Cartridge 50 ml, Cartridge 5 × 50 ml, Shade mixing tips type 6 mixing tips type 6 Α1 REF 2503 A2 REF 2504 **REF 2512** АЗ REF 2505 **REF 2513** A3.5 REF 2506 В1 REF 2507 ВЗ REF 2508 C2 REF 2509 BL REF 2510 QuickMix syringe 5 ml, Shade mixing tips type 10 Α1 REF 2515 A2 REF 2516 АЗ REF 2517 В1 REF 2518

### **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

**INDIRECT RESTORATION** 







### **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





semipermanent



REF 147	78 Set cartric type 2, ac	dge 75 g A3, Dispenser cessories
REF 215	58 Dispenser	- type 2
REF 218	Mixing tip 50 pcs.	s type 6 for cartridge,
REF 218	Mixing tip syringe, 5	s type 10 for QuickMix 0 pcs.
	Cartridge 75 g mixing tips	Cartridge 5 × 75 g,
Shade	type 6	mixing tips type 6
A1	REF 1479	-
A2	REF 1480	REF 1492
А3	REF 1481	REF 1491
A3.5	REF 1490	_
B1	REF 1482	_
В3	REF 1483	_
C2	REF 1486	-
BL	REF 1485	_
	QuickMix syrir	nge 8 g,
Shade	mixing tips typ	pe 10
A1	REF 1309	
A2	REF 1310	
А3	REF 1311	
B1	REF 1312	

### Provicol® QM

### 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**

- Fast application without mixing
- Bubble-free perfect mixing
- Direct application
- Further advantages: see Provicol C





**INDIRECT RESTORATION** 

auto mix

permanent



REF 1074 QuickMix syringe 5 ml, accessories REF 2189 Mixing tips type 10, 50 pcs.





### Provicol® C

### **Proven Provicol in cartridges**

### **Indications**

See Provicol QM

### **Advantages**

- Semi-elastic properties for safe adhesion of the temporary
- · Calcium hydroxide
  - supports the formation of secondary 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





auto mix

semipermanent

contains Ca(OH),

REF 1076 Cartridge  $2 \times 65$  g, accessories **REF 2158** Dispenser - type 2 REF 2185 Mixing tips type 6, 50 pcs.



### Provicol®

### Proven Provicol in handmix version

### **Indications**

Siehe Provicol QM

### **Advantages**

Siehe Provicol C









REF 1075 Tube  $2 \times 25$  g (base / catalyst) REF 1078 Tube  $10 \times 25$  g (base / catalyst)

### **INDIRECT RESTORATION**

### Clip®

### Light-curing one-component filling material for temporary restorations





### **Indications**

Temporary fillings

Temporary sealing of cavities, especially in inlay / onlay technique



Easy to remove in one piece

Source: Dr. Peter Bastobbe, Mainleus / Germany

### **Advantages**

- Easy to place easy to remove in one piece
- No damage to preparation boundaries
- Time-saving and economical
- Tight margins and durable
- Specifically useful in inlay / onlay technique
- Saliva-proof







REF 1284 Syringe  $2 \times 4$  g REF 1285 Syringe  $3 \times 4$  g REF 1287 Caps  $25 \times 0.25$  g REF 9301 Dispenser - Caps

### Clip® F

Light-curing one-component filling material with fluoride for temporary restorations



### **Indications**

Temporary fillings

Temporary sealing of cavities, especially in inlay / onlay technique

### **Advantages**

- Easy to place easy to remove in one piece
- No damage to preparation boundaries
- Time-saving and economical
- Tight margins and durable
- Specifically useful in inlay / onlay technique
- Saliva-proof









**REF 1289** Syringe 2 × 4 g REF 1283 Syringe 3 × 4 g

### Cimara<sup>®</sup>

### 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





**INDIRECT RESTORATION** 



syringe 1.2 g, GrandioSO Ca 8 × 0.25 g (A1, 2 × A2, 2 ×	
A3.5, B2, GA3.25), accessor REF 1197 Coupling silane $4 \times 0.3$ ml,	
accessories	
REF 1198 Adhesive bottle 4 ml	
REF 1575 Opaquer LC syringe 1.2 g, accessories	
REF 1201 SiC Grinding Bur, 4 pcs.	
REF 2147 Application cannulae type 4 100 pcs.	ŀ5,
REF 2309 Disposable brushes for denti- brush holder, 100 pcs.	:al
REF 2315 Mixing palettes, 20 pcs.	
REF 2338 Brush holder for VOCO disponental brushes and Micro Ti 5 pcs.	

### 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

**INDIRECT RESTORATION** 

Lengthening of denture margins

### **Advantages**

- Complete, hard relining chairside, in just one session
- Methylmethacrylate-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





auto mix

### Ufi Gel hard C REF 2215 Set cartridge 80 g, adhesive bottle 10 ml, accessories REF 2218 Set + dispenser cartridge 80 g, adhesive bottle 10 ml, accessories REF 2216 Cartridge 80 g, accessories Adhesive bottle 10 ml REF 2217 REF 2158 Dispenser - type 2 REF 2187 Mixing tips type 8, 50 pcs. Ufi Gel hard REF 2210 Set powder 60 g, liquid bottle 40 ml, conditioner bottle 20 ml, accessories REF 2211 Powder 60 g REF 2212 Liquid bottle 40 ml REF 2213 Conditioner bottle 20 ml

### **Clinical Case**

















### Ufi Gel® SC · Ufi Gel® P

Permanently soft, cold-curing relining material on silicone base



### **Indications**

Permanently soft relining for total and partial dentures

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

### **Advantages**

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





**INDIRECT RESTORATION** 

auto mix

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 20 ml
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 $2 \times 50$ ml (base / catalyst)
REF 2076	Adhesive bottle 10 ml
REF 2077	Glazing bottle 20 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.

### **Clinical Case**



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







### **INDIRECT RESTORATION**

### Registrado® X-tra

Addition-curing silicone for bite registration, extra hard, fast setting







### **Indications**

Occlusal bite registration Fixing facebow registrations Retaining gothic arch registrations Model fabrication for indirect composite restorations

### **Advantages**

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



auto mix

Shore-A

REF 2035 Cartridge  $2 \times 50$  mI, accessories REF 2036 Cartridge  $8 \times 50$  mI, accessories REF 2158 Dispenser - type 2 RFF 2196 Mixing tips type 16, 50 pcs. REF 2140 Intraoral tips type 2, 50 pcs.

### 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



auto mix

Shore-A 80

Cartridge 50 ml, accessories **REF 2037** Dispenser - type 2 REF 2158 REF 2196 Mixing tips type 16, 50 pcs. REF 2140 Intraoral tips type 2, 50 pcs.

### Fit Test® C & B

### Addition-curing silicone material for checking of prosthetic recontructions

### **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



auto mix

**INDIRECT RESTORATION** 

REF 2095 QuickMix syringe 5 ml,

accessories

REF 2188 Mixing tips type 9, 50 pcs. REF 2191 Mixing tips type 11, only with

intraoral tips type 1, 50 pcs.

REF 2139 Intraoral tips type 1, 50 pcs.

### Individo® Lux

### Preformed individual impression trays, light-curing

### **Indications**

For the 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





REF 2402 Maxillae 50 pcs. blue opaque REF 2403 Mandibles 50 pcs. blue opaque

**REF 2408** Maxillae 50 pcs. blue transparent

**REF 2409** 

Mandibles 50 pcs. blue transparent

### **Profibase**

### Preformed pink-impression trays / basis plates, light-curing

### **Indications**

Fabrication of gingiva shaded bases for wax models of complete and partial dentures

### **Advantages**

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



REF 2111 Maxillae / mandibles  $2 \times 25$  pcs. REF 2112 Maxillae 50 pcs.

REF 2113 Mandibles 50 pcs.







### **Various Products**

Efficacy. Practice-orientation. Necessity.

Good quality materials should be employed where they are needed: in dental therapy. But, as you will know from everyday practice, in reality many a drop of material is wasted. The solution is provided by application cannulae which are optimally tailored to indications and products, making your work efficient. Large and small appliances for application and subsequent working with various VOCO products can be found along-side cleaning preparations and practical auxiliary materials such as devitalising paste, moulds and blocking out material – practice-oriented, and indispensable for every dental office.



### Anatomically shaped interdental wedges for use in filling therapy





Auxiliary device for restorative therapy using matrices of all types Separating of teeth for secure approximal contacts

### **Advantages**

- Sealing, fixing and separating from special shape
- Curved wedge follows the anatomy of the tooth
- Combinable with ring and partial matrices
- Four sizes: small, medium, large and extra large
- Easiest application from fine tip and three-dimensional shape
- Curved base for reduced pressure on the papilla
- Made of plastic: no moisture expansion, splintering or discolouration



REF 2060 Set  $6 \times 52$  pcs. mixed REF 2061  $6 \times 52$  pcs. small REF 2062  $6 \times 52$  pcs. medium REF 2063  $6 \times 52$  pcs. large REF 2064  $6 \times 52$  pcs. extra large



Use with a partial matrix: Insertion of the wedge from oral (blue) or vestibular (orange).

Use with a ring matrix: Insertion of the wedge from oral (blue) or vestibular (orange).

### Rebilda® Form

Moulds for adhesive core build-up



### **Indications**

Shaping aids for adhesive core build-up in cases of severely damaged teeth with or without the use of an endodontic post

### **Advantages**

- Simple use with all composite core build-up materials
- Three surgery-oriented sizes
- Translucent for photopolymerisation
- The special shape provides quick adaptation to the tooth
- Does not bond to standard composite materials

REF 1407 20 pcs. small REF 1408 20 pcs. medium REF 1409 20 pcs. large

### 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  $\times$  3 ml, accessories REF 2252 Pele Tim, No. 1, 3.000  $\times$  ø 4 mm



### 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	$1.000 \times \text{ø} 5 \text{ mm}$
REF 2254	No. 3	500 × ø 8 mm
REF 2255	No. 4	$500 \times 6 \times 8 \text{ mm}$

### **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



REF 1661 Syringe  $4 \times 1.2$  mI, accessories REF 2144 Application cannulae type 44, 100 pcs.

### Traypurol® tabs

### Active-tabs for cleaning impression trays and instruments

### **Indications**

Self-acting cleaning of impression trays and instruments

### **Advantages**

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



REF 2355 50 pcs.

### 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 alginates, 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



REF 2289 Bottle 1 I REF 2290 Canister 5 I

REF 2304 Dispenser pump – canister 5 I

### Solvitan

### Cleaning solution with citrus aroma

### **Indications**

Cleaning solution for general application in dental clinics, laboratories and households

### **Advantages**

- Removes pastes, silicone- or polyether-based impression materials and zinc oxide from hands and instruments
- Skin-friendly with lanolin
- · Easily removed with water
- Pleasant citrus fruit aroma



REF 2312 Bottle 250 ml REF 2313 Box bottle  $4 \times 250$  ml

REF 2320 Bottle 500 ml

### Celalux® 2

### High-Power LED curing-light



### **Advantages**

- Modern LED technology with high intensity (approx. 1,000 mW / cm²)
- Three pre-set curing times including soft-start option
- Easy to handle, cordless
- Ergonomic design, handpiece weighs only 160 g
- Light rod angled, amber-coloured, can be exchanged and autoclaved
- Wavelength range 420 480 nm
- Polymerisation of all light-curing dental materials based on camphoroquinone (bonds / adhesives, composites, Ormocer®s, compomers)
- Operating time:  $300 \times 20 \text{ s}$  (100 min) with fully charged battery
- · Battery easy to change
- Rechargeable battery



REF 9080 Celalux 2 (handpiece with protective cap and LED, battery charger with integrated wattmeter, mains adapter, lithium-ion battery, amber-coloured light guide, 7.5 mm dia., 45° angled, 2 × anti-glare shields, user manual)

Accessories

REF 9081 Angled light guide, 45° angled, 7.5 mm dia., amber-coloured,

autoclavable

REF 9082 Device base incl. lithium-ion accumulator, capacity: 2.000 mAh

REF 9083 Anti-glare shields Celalux 2,

5 pcs.

REF 9084 Angled light guide, 45° angled,

7.5 mm dia., white, for higher output (approx. 1,500 mW / cm²),

autoclavable

### VOCO Mix 10

Capsule mixer for VOCO mixing and application capsules as well as for amalgam and similar capsules

### **Advantages**

- Sturdy design
- Low noise and low vibration
- Mixing times between 1 99 seconds
- Large display
- Mixing frequency: 4,300 oscillations / min. + / - 5 %



REF 9048 VOCO Mix 10

(220 - 240 V / 50 Hz)

REF 9049 VOCO Mix 10 (110 V)

### **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 2380	Set 5 pcs. mixed (one each of small point, large point, small cup, large cup, lens)
REF 2381	Small point, 10 pcs.
REF 2382	Large point, 10 pcs.
REF 2383	Small cup, 10 pcs.
REF 2384	Large cup, 10 pcs.
REF 2385	Lens, 10 pcs.

### SiC Grinding Bur

For ceramic repair



### **Indications**

Conditioning of silicate and oxide-ceramic bonding surfaces for intraoral repairs of defects in ceramic veneer and all-ceramic restorations

### **Advantages**

- Homogeneous grain
- High-strength, stainless shaft
- Optimum bond hardness



REF 1201 4 pcs.

### 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







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

### **AC Activator**

REF 9301

REF 9300

Device to activate VOCO application capsules (AC)

Dispenser - Caps



 $\mathsf{Activator} - \mathsf{AC}$ 

### AC Applicator type 1

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



## voco —

AC Applicator type 2

Dispenser for application capsules

REF 2331 Applicator – AC type 1



REF 2334 Applicator – AC type 2

Mixing tips				
REF 2185	Mixing tips type 6 for Provicol C, Structur 2 in cartridge, Structur 3 in cartridge, Structur Premium in cartridge, 50 pcs.	REF 2194	Mixing tips type 14 for Bifix SE, Perfect Bleach Office+, 50 pcs.	
REF 2187	Mixing tips type 8 for Ufi Gel SC, Ufi Gel hard C, 50 pcs.	REF 2195	Mixing tips type 15 (with intraoral tips type 1), for Bifix SE, Perfect Bleach Office+, 50 pcs.	
REF 2188	Mixing tips type 9 for Fit Test C & B, 50 pcs.	REF 2196	Mixing tips type 16 (for intraoral tips type 2), for Registrado Clear, Registrado X-tra, 50 pcs.	
REF 2189	Mixing tips type 10 for Provicol QM, Structur 2 in the QuickMix syringe, Structur 3 in the QuickMix syringe, Structur Premium in the QuickMix syringe, Quick Up, 50 pcs.	REF 2199	Mixing tips type 19 for Rebilda DC in cartridge, Grandio Core Dual Cure in cartridge, bendable, 30 pcs.	
REF 2191	Mixing tips type 11 for Rebilda DC in the QuickMix syringe, Bifix QM, Grandio Core Dual Cure in the QuickMix syringe, Fit Test C & B only with intraoral tips type 1, 50 pcs.	REF 2202	Mixing tips type 20 for die silicone, 50 pcs.	
REF 2192	Mixing tips type 12 for Rebilda DC in cartridge, Grandio Core Dual Cure in cartridge, Rebilda SC, 50 pcs.			

Application aids						
REF 2169	VOCO Trifill instrument, 10 pcs.		REF 2247	Single Tim, application brushes for Futurabond U / M+ / M / DC / NR SingleDose, 100 pcs.		
REF 2249	Micro Tim, fine application brushes, 100 pcs.	-	REF 2246	Endo Tim, application brushes, to be used in the root canal, 50 pcs.		
REF 2309	Disposable brushes for dental brush holder, 100 pcs.		REF 2245	Easy Brush, application brushes, 50 pcs.		
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.	-				



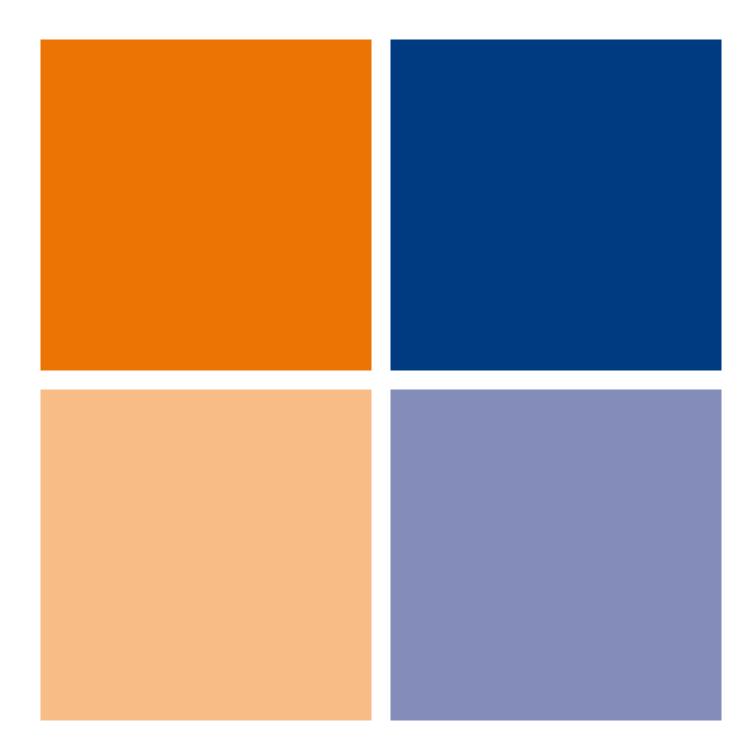
Application	Application cannulae					
REF 2145	Application cannulae type 40 for Fissurit F / FX, 100 pcs.		REF 2147	Application cannulae type 45 for Amaris Gingiva, Grandio Seal, Cimara Opaker LC, Control Seal, 100 pcs.		
REF 2146	Application cannulae type 41 for lonoseal, Calcimol LC, Grandio / SO Flow, Bifix QM Try-In, LC Dam, 100 pcs.		REF 2148	Application cannulae type 46 for GrandioSO Heavy Flow, x-tra base, 100 pcs.		
REF 2310	Application cannulae type 42 for Vococid, 30 pcs.		REF 2131	Application cannulae type 47 for Calcicur, 30 pcs.		
REF 2144	Application cannulae type 44 for Admira Flow, Amaris Flow, Arabesk Flow, Block Out Gel LC, Quick Up LC, Twinky Star Flow, 100 pcs.		REF 2132	Application cannulae type 48 for Vococid, 50 pcs.		

Intraoral tips					
REF 2139	Intraoral tips type 1 for Perfect Bleach Office+, to be used in the root canal with Rebilda DC in the QuickMix syringe, Bifix SE, Bifix QM, 50 pcs.	~	REF 2141	Intraoral tips type 3 for Rebilda SC, Rebilda DC in cartridge, Grandio Core Dual Cure in cartridge, 50 pcs.	
REF 2140	Intraoral tips type 2 for Registrado Clear, Registrado X-tra, 50 pcs.		REF 2142	Intraoral tips type 4 for Rebilda DC in the QuickMix syringe, Bifix QM, Grandio Core Dual Cure in the QuickMix syringe, 50 pcs.	

Mixing spatulas · Mixing pads · Mixing palettes						
REF 2303	Mixing pads $70 \times 80$ mm, with adhesive back, 4 pcs.	7 7 3	REF 2168	VOCO mixing spatula for cements, 20 pcs.		
REF 2315	Mixing palettes, 20 pcs.	3333				



	AC Activator		Fissurit FX·······10           Fit Test C & B·····68           Futurabond DC····23	Q	Quick Up·····54
	Admira Bond       .39         Admira Flow       .39         Admira Protect       .14         Alfacomp LC       .37         Amalgam Liner       .19	F	Futurabond M	R	Rebilda DC       .57         Rebilda Form       .71         Rebilda LC       .58         Rebilda Post       .56         Rebilda Post System       .56         Rebilda Post System       .56
Α	Amaris       34         Amaris Flow       34         Amaris Gingiva       35         Aqua Ionofil Plus       44         Aqua Meron       52         Arabesk       36	G	Glasiosite		Rebilda SC
	Arabesk Flow		GrandioSO	S	SiC Grinding Bur
	Bifix QM · · · · · · · · · · · · · · · 51				Structur 3 · · · · · · · · · 60
В	Bifix SE · · · · · · · · · · · · · 50 Bifluorid 10 · · · · · · · · 11		Individo Lux· · · · · · · 68 Ionobond · · · · · · 20		Structur Premium·····59
	Block Out Gel LC · · · · · · · 72	1	lonofil Molar AC 43 lonofil Molar AC Quick 43	Т	Traypurol
	Calcicur         19           Calcimol         18           Calcimol LC         18		Ionofil Plus		Twinky Star Flow · · · · · · · 40
С	Caps Dispenser		Ionostar Molar · · · · · 42	U	Ufi Gel hard
	Cimara	K	Klint		
	Clip.       63         Clip F       63         Control Seal       8         Curvy.       70	M	Meron (Application capsule) 53           Meron	V	Vococid · · · · · · · · · · · · · · · · · · ·
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D	Dispenser······76 Disposable articles····77		Pele Tim            Perfect Bleach            15         Perfect Bleach Office+	X	x-tra base · · · · · · · · · 26
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F	Final Varnish LC		Provicol QM		



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