







DENTAL PROGRAMME 2021 · 2022



WELCOME TO THE DENTALISTS!

Dear customers and business partners,

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

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

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

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

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

and discover VOCO's top quality standards.

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

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

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

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ICONS

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



Material composition

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



Material composition

This product is based on nano-hybrid technology.



Application of the material

This material is available in the non-running, non-dripping \mbox{NDT}^{\otimes} -syringe.



Indications

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



Radiopacity

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



Fluoride content

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



Indication of working time

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



Indication of retention time in the mouth

This product is retained in the mouth for the minimum duration shown.



Working directions

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



Curing of the material

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



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.



Volume shrinkage

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



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.



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

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.



Application of the material

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



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.



Material compatibility

This product can be used with the materials indicated. For detailed information, please consult the instructions for use.



CAD / CAM

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



Indications for process monitoring

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



Wavelength information

This device operates at the specified wavelength.



Format of communication data

This product processes the data format indicated.



Non-sedimenting

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

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.







Oral Care

Cleaning	iing					
Page			RDA values		presentation	special characteristics
7	7 CleanJoy	700 ppm	coarse (195), medium (127), fine (16)	Mint, cherry, caramel	SingleDose, Tube	xylitol, "traffic light coding"
Fissu	Fissure sealing					
Page		% w/w	opaque			

12	12 VOCO Profluorid Varnish	•	•	22.600 ppm	SingleDose, tube, cartridge	mint, melon, caramel, cherry, bubble gum, cola lime, pina colada
13	13 Admira Protect		•	•	SingleDose, bottle	clinical
Whitening	ning					
Page		carbamide peroxide			office	
14	14 Perfect Bleach	10 % / 16 %	equiv. to 3.5 % / 6%	•	•	
14	14 Perfect Bleach Office+		35 %		•	

FISSUIT	rissure sealing					
Page		% w/w	opaque			
∞	Grandio Seal	70 % w/w	٠			
9	Fissurit FX	55 % w/w	٠			
9	Fissurit F	n/s	٠			
Fluorio	Fluoridation · Desensitisation					
Page				fluoride content	presentation	
10	Bifluorid 10	•	٠	22.600 ppm	SingleDose, bottle	clinical
11	Remin Pro	•	٠	1.450 ppm	tube	mint, melon, strawberry
12	VOCO Profluorid Varnish	•	٠	22.600 ppm	SingleDose, tube, cartridge	mint, melon, caramel, cherry, bubble gum, cola lime, pina colada
13	Admira Protect		•	•	SingleDose, bottle	clinical

CleanJoy®

Fluoride-containing tooth cleaning and polishing paste in three cleaning grades









Indications

Removal of soft and hard surface plaque

Removal of extrinsic discolouration (e.g. staining from coffee, tea or tobacco)

Polishing of tooth surfaces as part of professional tooth cleaning, prior to whitening or following the removal or orthodontic devices

Cleaning and polishing of restorations as part of professional tooth cleaning Removal of residues of temporary luting material prior to definitive bonding (cementation)

Advantages

- Stable, homogenous consistency
- No splashing (2,000 3,000 r / min)
- No parabens
- Available in three abrasion grades, thus can be individually adjusted to each situation
- RDA values (measured in accordance with DIN EN ISO 11609)

– coarse (red) RDA = 195– medium (yellow) RDA = 127 - fine (green) RDA = 16

- Traffic light coding: simple to use without confusion
- Can be used with any conventional instrument (small brush, cup etc.)
- Contains fluoride (700 ppm) and xylitol
- Three pleasant flavours: mint, caramel, cherry

Advantages of the SingleDose

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





	Tube	SingleDose
Flavour	100 g	200 x 2 g
Mint	REF 2092	REF 2098
Caramel NEW	REF 6092	REF 6096
Cherry NEW	REF 6100	REF 6104
Medium (yello		
	Tube	SingleDose
Flavour	100 g	200 x 2 g
Mint	REF 2091	REF 2097
Caramel NEW	REF 6091	REF 6095
Cherry NEW	REF 6099	REF 6103
Fine (green)		
	Tube	SingleDose
Flavour	100 g	200 x 2 g
Mint	REF 2090	REF 2096
Caramel NEW	REF 6090	REF 6094
Cherry NEW	REF 6098	REF 6102

Application







Grandio® Seal

Light-curing nano-hybrid fissure sealant







Indications

Sealing / filling of pits and fissures

Sealing / facing of damaged enamel surfaces

Covering of caries predilection sites during orthodontic treatments

Sealing of deciduous teeth

Advantages

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

Grandio® Seal in the NDT®-syringe

- NDT[®] means non-dripping-technology
- Especially suited for fine-flowing materials
- Can be dosed and applied with precision
- Without any loss of material

Clinical Case





Source: Dr. Marcelo Balsamo, São Paulo / Brazil





















REF 1060

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

REF 1061

Syringe 2×2 g, accessories Application cannulae type 45,

REF 2147

100 pcs.

ORAL CARE

Fissurit® FX

Highly filled light-curing fissure sealant with fluoride, white



Indications

Filling of small cavities

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







REF 1181 Syringe 2×2.5 g, accessories REF 2145 Application cannulae type 40, 100 pcs.

Not available in Canada

Fissurit® F

Light-curing fissure sealant with fluoride, white



Indications

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

Advantages

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







Bifluorid 10®

Fluoride varnish for the treatment of dental hypersensitivity





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 2247	Single Tim, application brushes, 100 pcs.
REF 2252	Pele Tim, No. 1, $3.000 \times \emptyset$ 4 mm

Indications

Treatment of hypersensitivity, including

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

Advantages

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

Application













Remin Pro®

Protective dental care with fluoride and hydroxy apatite







Indications

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

Advantages

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





REF 2003 Tube 12×40 g melon REF 2004 Tube 12×40 g mint REF 2005 Tube 12×40 g strawberry REF 2006 Tube 12×40 g mixed REF 2007 Tube 3×40 g mixed Not available in Canada

Prophylaxis Set

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



Indications

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

Advantages

- Fluoridate, Protect, Care, Seal
- · Also for individual prophylaxis
- Different flavours for testing
- For your daily and special practice

REF 2996 Set CleanJoy tube 2×100 g, Remin Pro tube 40 g, Profluorid Varnish SingleDose 12×0.4 ml,

Grandio Seal syringe 2 x 2 g

Product presentations may vary Not available in Canada

VOCO Profluorid® Varnish

Fluoride-containing dental desensitising varnish (5 % NaF)











Indications

Treatment of hypersensitive teeth

Treatment of sensitive root surfaces

Advantages

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

Advantages of the SingleDose

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

Advantages of the cartridge

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



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		
Bubble Gum	REF 2238	REF 2239		
Cola Lime	REF 2240	REF 2241		
Pina Colada	REF 2242 REF 2243			
Flavour	48 × 0.40 ml	50 × 0.25 ml		
Melon	-	REF 1268		
Mixed	REF 2225	_		
Zylinderampulle				
Flavour 5 × 1.70 ml				
Melon	REF 2235			
REF 2167				

Application













VOCO Profluorid® Varnish

Fluoride-containing dental desensitising varnish (5 % NaF)



ORAL CARE

Indications

Treatment of hypersensitive teeth Treatment of sensitive root surfaces

Advantages

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



Tube		
Flavour	10 ml	50 ml
Melon	REF 1267	REF 1272
Caramel	REF 2232	_
Cherry	REF 2233	_
Mint	REF 2234	_
Cola Lime	REF 2236	_
Pina Colada	REF 2237	-
Flavour	4 × 10 ml	
Mixed	REF 2971	

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
REF 1651	SingleDose 50 pcs., accessories
REF 1652	SingleDose 200 pcs., accessories
REF 2247	Single Tim, 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

Perfect Bleach® 10 %

REF 1658 Mini set syringe 4 \times 2.4 ml with 10 % carbamide peroxide, storage box, cosmetic bag

REF 1662 Syringe 3×2.4 ml with 10 % carbamide peroxide

Perfect Bleach® 16 %

REF 1659 Mini set syringe 4×2.4 ml with 16 % carbamide peroxide, storage box, cosmetic bag

REF 1664 Set syringe 6×2.4 ml with 16 % carbamide peroxide, Block Out Gel LC syringe 1.2 ml, material for 2 trays, storage box,

material for 2 trays, storage to cosmetic bag, shade guide, accessories

REF 1665 Syringe 3×2.4 ml with 16 % carbamide peroxide

Not available in Canada

Perfect Bleach® Office+

Whitening gel for discoloured teeth

Indications

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

- 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
- No painful heat-loading from lightcuring the gingiva protection



35 % H₂O₂ auto mix

REF 1672	Set QuickMix syringe 2×4 ml, LC Dam syringe 2×2 g, accessories
REF 1673	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.
Not available	in Canada, Ireland and

United Kingdom



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 LC

Light-curing radiopaque calcium hydroxide paste



Indications

Indirect pulp capping
Lining under all filling materials

Advantages

DIRECT RESTORATION

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









REF 1047 Tube 2×5 g REF 1307 Syringe 2×2

REF 2146

Syringe 2×2.5 g, accessories Application cannulae type 41, 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
- With high pH value (12.5) known for bacteriostatic effect
- Calcium hydroxide content of 45 %
- Radiopacity
- Promotes the formation of tertiary dentine
- Effective pulp protection





REF 1093 Syringe 2.5 g, accessories REF 1096 Syringe 3×2.5 g, accessories REF 2131 Application cannulae type 47, 30 pcs.

Ionoseal®

Light-curing glass ionomer composite liner



Indications

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

Advantages

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





DIRECT RESTORATION







REF 1126 Tube 2×4 g REF 1326 Syringe 3×2.5 g, accessories

REF 2146

Application cannulae type 41, 100 pcs.



High radiopacity of Ionoseal, shown on the 28



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

Clinical Case





Prepared cavity



Direct application Ionoseal



Finished lining



Final restoration

DIRECT RESTORATION

	22 Adm	22 Futu	21 Futu	20 Futu	20 Futu	19 Futu	Bondings	Page	
	Admira Bond	Futurabond NR	Futurabond DC	Futurabond M	Futurabond M+	Futurabond U			
Light-curing one-component dentine and	One-component dentine and enamel bond ORMOCER® based	Light-curing self-etch-bond reinforced with nano-fillers	Dual-curing self-etch-bond reinforced with nano-fillers	One-component light-curing nano-reinforced self-etch bond	Universal adhesive	Dual-curing universal adhesive		Product description	
₽	Ľ	2	N	1	₽	2		Components	
Ľ	ш	2	2	П	₽			Quantity bottles	
		↦	⊢			1		Quantity SingleDose	
		•	•	•	•	•		Self-etch	
					•	•	-	Selective-etch Total-etch	Etch & Rinse
•	•				•	•		Total-etch	Rinse
•	•	•		•	•			Light-curing	
			•		• 1	•		Dual-curing	
20 sec.	20 sec.	10 sec.	10 sec.	10 sec.	10 sec.	10 sec.			

 $^{\mathrm{1}}$ only in combination with DC activator

Futurabond® U

Dual-curing universal adhesive







Indications

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

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

Treatment of hypersensitive tooth necks

Protective varnish for glass ionomer cement restorations

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

Advantages

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

Futurabond® U in practical SingleDose

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

It's just that easy - simply press, simply bond!









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.

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

Advantages

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





REF 1351 Bottle 3×5 ml

Single Tim, application brushes, **REF 2247** 100 pcs.

REF 2315 Mixing palettes, 20 pcs.

Futurabond® DC

Dual-curing self-etch-bond reinforced with nano-fillers







Indications

Direct self- or dual-curing composite restorations and core build-ups Direct light-curing restoration with composite-, compomer- and ORMOCER® based restoratives

Adhesive luting of root pins / posts with dual or self-curing composite cements Indirect restoration when using dual- and self-curing resin cements for luting of inlays, onlays, crowns and bridges

Advantages

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







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.

Vococid®

Etchant for acid-etch technique

Indications

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

Advantages

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



REF 1063	Syringe 5 ml, accessories
REF 1224	Syringe 5×2 ml, accessories
REF 1256	Empty syringe 10×2 mI
REF 1257	Syringe 60 ml, empty syringe 2×2 ml, accessories
REF 2310	Application cannulae type 42, 30 pcs.
REF 2132	Application cannulae type 48, 50 pcs.

Futurabond® NR

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

Indications

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

Advantages

DIRECT RESTORATION

- 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.



Admira® Bond

One-component dentine and enamel bond ORMOCER® based

Indications

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



Advantages

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





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

Solobond M

Light-curing one-component dentine and enamel bond

Indications

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

Advantages

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







Restoratives (Composites)

			3	oelo vtiveo	U							· ·	chadae				
				VIII C													
Page														translucent	form of application		filler content [% w/w]
ORMO	ORMOCER®s																
24	Admira Fusion	universal / aesthetic / biocompa- tible	•	•	•	4•	•		•	•	•	4	13	-	syringe, Caps	nano-hybrid	84
25	Admira Fusion Flow	universal / aesthetic / biocompa- tible		•	•	•	•					2	6	П	NDT® syringe	nano-hybrid	74
26	Admira Fusion x-tra	bulk fill / biocompatible	•			4.	-			•			П		syringe, Caps	nano-hybrid	84
27	Admira Fusion x-base	bulk fill / biocompatible	-1	•		4.				•			Н		NDT® syringe	nano-hybrid	72
Composites	osites																
28	GrandioSO	universal / aesthetic	•	•	•	•			•	•	•	m	13		syringe, Caps	nano-hybrid	89
29	GrandioSO Light Flow (low viscous)	precise / aesthetic		•	•	•	•					2	22	-	NDT® syringe	nano-hybrid	92
29	GrandioSO Flow (medium viscous)	universal / aesthetic	•	•	•	•	•					2	10	П	NDT® syringe, Caps	nano-hybrid	81
30	GrandioSO Heavy Flow (highly viscous)	universal / aesthetic	•	•	•	•	•					2	10		NDT® syringe, Caps	nano-hybrid	83
31	GrandioSO x-tra	bulk fill	•			4	•		•	•			4		syringe, Caps	nano-hybrid	98
32	VisCalor	universal / thermoviscous	•	•	•	4.	•		•	•	•	1	6	П	Caps	nano-hybrid	83
33	VisCalor bulk	bulk fill / thermoviscous	•			4.	-		•	•			4		Caps	nano-hybrid	83
34	Grandio	universal	•	•	•				•	•	•	2	13	-	syringe, Caps	nano-hybrid	87
35	Grandio Flow	universal	•	•	•	•	•					2	10		NDT [®] syringe, Caps	nano-hybrid	80
36	Amaris / Amaris Flow	highly aesthetic / 2-layer system	•	•	•						•	7		4	syringe, Caps	micro-hybrid	80
37	Amaris Gingiva	highly aesthetic / gingiva-coloured										8	1		syringe	micro-hybrid	80
38	x-tra base	bulk fill / flowable		•	-	4.	•			•			7		NDT® syringe, Caps	micro-hybrid	75
39	x-tra fil	bulk fill	•							•			1		syringe, Caps	micro-hybrid	98
40	Arabesk		•	•	•		•	m			•		9	-	syringe	micro-hybrid	77
40	Arabesk Flow			•	•	•	•						3		syringe, Caps	micro-hybrid	64
41	Polofil Supra		•	•	•						•		9	-	syringe	micro-hybrid	77
Compomers	omers																
41	Twinky Star / Flow	coloured / sparkling							•			$8^2/2^2$			NDT [®] syringe, Caps	Compomer	78 / 65

An overview of our glass ionomer restorative materials can be found on page 42.

23

1 small

4 class I + II

3 molars / premolars

² coloured, with glitter effect

Admira® Fusion

Universal nano-hybrid ORMOCER® restorative material









DIRECT RESTORATION

Indications

Class I to V restorations

Base in class I and II cavities

Reconstruction of traumatically damaged anteriors

Facetting of discoloured anteriors

Correction of shape and shade for improved aesthetic appearance

Locking, splinting of loose teeth

Repairing veneers, small enamel defects and temporary C&B-materials

Extended fissure sealing

Restoration of deciduous teeth

Core build-up

Composite inlays

Advantages

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

Clinical Case





Source: Dr. Sanzio Marques, Passos / Brazil



Modeling of the material which is still malleable at this stage



Finished, polished restorations



















REF 2750	A3.5, Admira shade guide +	Set + bond syringe 5 × 3 g (A2, A3, GA3.25, A3.5, Admira Fusion x-tra), shade guide + Futurabond U SingleDose 20 pcs., accessories		
REF 2778	A3, A3.5), Adr syringe 2 g A3 Admira Fusion			
REF 2780	A3.5, Admira shade guide +	2, A3, GA3.25, Fusion x-tra),		
REF 2752	Shade guide			
REF 9301	Dispenser – Ca	aps		
Shade	Syringe 3 g	Caps 15 × 0.2 g		
A1	REF 2754	REF 2782		
A2	REF 2755	REF 2783		
A3	REF 2756	REF 2784		
A3.5	REF 2758	REF 2786		
A4	REF 2759	REF 2787		
B1	REF 2762	REF 2790		
B2	REF 2763	REF 2791		
В3	REF 2764	REF 2792		
C2	REF 2766	REF 2794		
D3	REF 2768	REF 2796		
OA1	REF 2770	REF 2798		
OA2	REF 2771	REF 2799		
OA3	REF 2772	REF 2800		
OA3.5	REF 2773	REF 2801		
BL	REF 2775	REF 2803		
Incisal	REF 2776	REF 2804		
GA3.25	REF 2757	REF 2785		
GA5	REF 2760	REF 2788		
Mixed	-	REF 2806*		
*(3 oach of	D1 D3 D3 D1	Incical)		

*(3 each of B1, B3, D3, BL, Incisal)

Admira® Fusion Flow

Flowable light-curing nano-hybrid ORMOCER® restorative material





Indications

Filling of small cavities and extended fissure sealing

Blocking out undercuts

Lining or coating cavities

Fillings of class III - V cavities

Repairing fillings, veneers and temporary restorations

Luting translucent prosthetic pieces

Locking, splinting of loose teeth

Advantages

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

Clinical Case



Mesial caries on tooth 12, disto-palatinal caries on tooth 11



Simple application and optimal wetting behaviour of Admira Fusion Flow



Outstanding result created with Admira Fusion Flow / Admira Fusion

Source: Dr. Walter Denner, Fulda / Germany



















REF 2816	Set syringe 5×2 g (A1, A2, A3, A3.5, W0), shade guide, accessories	
REF 2146	Application cannulae type 41, 100 pcs.	
Shade	Syringe 2 × 2 g	
A1	REF 2818	
A2	REF 2819	
A3	REF 2820	
A3.5	REF 2821	
A4	REF 2822	
B1	REF 2824	
B2	REF 2825	
C2	REF 2826	
Incisal	REF 2828	
0A2	REF 2829	
BL	REF 2831	
WO	REF 2832	

Admira® Fusion x-tra

Nano-hybrid ORMOCER® restorative material, 4 mm

DIRECT RESTORATION







Indications

Class I and II posterior restorations

Base in class I and II cavities

Class V restorations

Locking, splinting of loose teeth

Repairing veneers, small enamel defects and temporary C&B-materials

Extended fissure sealing

Restoration of deciduous teeth

Core build-up

Advantages

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

Clinical Case



Insufficient composite restoration in tooth 45



Prepared cavity awaiting filling



Application of Admira Fusion x-tra in 4-mm lavers



Functional and aesthetic final

Source: Dr. Walter Denner, Fulda / Germany

















REF 2810 Syringe 3 g universal REF 2811

Caps 15×0.2 g universal

REF 9301 Dispenser – Caps

1, III, V

4 mm

Admira® Fusion x-base

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



72 % w/w

shrinkage

2.5%

Syringe 2×2 g universal,

Application cannulae type 46,

accessories

100 pcs.

REF 2812

REF 2148

Indications

Base in class I and II cavities

Cavity lining under direct restorative materials in class I and II cavities

Small, non occlusal stress-bearing class I restorations according to minimally invasive filling therapy

Class III and V restorations

Extended fissure sealing

Undercut blockout

Repair of small enamel defects

Repair of small defects in aesthetic indirect restorations

Repair of temporary C&B-materials

Core build-up

Advantages

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

Clinical Case



Occlusal caries in tooth 36



Cavity prepared for further procedure in accordance with the rules of adhesive filling therapy



Selective etching of the tooth enamel



DIRECT RESTORATION

Application of the bonding agent Futurabond M+



Application of Admira Fusion x-base in 4-mm layers. followed by light-curing



Covering with Admira Fusion, followed by light-curing



Functional and aesthetic final result

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



Grandio®SO

Universal nano-hybrid restorative material







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

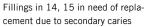
Composite inlays

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. Sanzio Marques, Passos / Brazil



Application of increments using GrandioSO A3.5



Completed restoration













OA3.5

GA3.25

BL

GA5





REF 2600		5 × 4 g (A2, A3, 5, GA5), shade guide	
REF 2601	GA3.25, GA5	4 g (A2, A3, A3.5, 5), shade guide d NR <i>SingleDose</i> essories	
REF 2640		× 0.25 g (16 each 3.5, GA3.25, GA5),	
REF 2607	Shade guide		
REF 9301	Dispenser – Caps		
Shade	Syringe 4 g	Caps 16 × 0.25 g	
A1	RFF 2610	RFF 2650	
, , _	1121 2010	NEI 2000	
A2	REF 2611	REF 2651	
A2 A3	2010	2000	
/ 1	REF 2611	REF 2651	
A3	REF 2611 REF 2612	REF 2651 REF 2652	
A3 A3.5	REF 2611 REF 2612 REF 2614	REF 2651 REF 2652 REF 2654	
A3 A3.5 A4	REF 2611 REF 2612 REF 2614 REF 2615	REF 2651 REF 2652 REF 2654 REF 2655	
A3 A3.5 A4 B1	REF 2611 REF 2612 REF 2614 REF 2615 REF 2619	REF 2651 REF 2652 REF 2654 REF 2655 REF 2659	
A3 A3.5 A4 B1 B2	REF 2611 REF 2612 REF 2614 REF 2615 REF 2619 REF 2620	REF 2651 REF 2652 REF 2654 REF 2655 REF 2659 REF 2660	
A3 A3.5 A4 B1 B2 B3	REF 2611 REF 2612 REF 2614 REF 2615 REF 2619 REF 2620 REF 2621	REF 2651 REF 2652 REF 2654 REF 2655 REF 2659 REF 2660 REF 2661	
A3 A3.5 A4 B1 B2 B3 C2	REF 2611 REF 2612 REF 2614 REF 2615 REF 2619 REF 2620 REF 2621 REF 2624	REF 2651 REF 2652 REF 2654 REF 2655 REF 2659 REF 2660 REF 2661 REF 2664	
A3 A3.5 A4 B1 B2 B3 C2 D3	REF 2611 REF 2612 REF 2614 REF 2615 REF 2619 REF 2620 REF 2621 REF 2624 REF 2627	REF 2651 REF 2652 REF 2654 REF 2655 REF 2659 REF 2660 REF 2661 REF 2664 REF 2667	

REF 2633

REF 2635

REF 2613

REF 2616

REF 2673

REF 2675

REF 2653

REF 2656

Grandio®SO Light Flow

Flowable nano-hybrid restorative material - low viscous



Indications

Filling / characterisation of small cavities

Filling / characterisation of class III, IV and V cavities

Extended fissure sealing

Blocking out undercuts

Lining or coating cavities

Repairing fillings, veneers and temporary restorations

Luting translucent prosthetic pieces

Advantages

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



DIRECT RESTORATION



REF 2589



Incisal REF 2593



REF 2	585	Set syringe A3, A3.5, accessorie	WO), sh	g (A1, A2, lade guide,
REF 2	144	Applicatio 100 pcs.	n cannu	lae type 44,
REF 2	147	Applicatio 100 pcs.	n cannu	lae type 45,
Shade	Syring	ge 2 × 2 g	Shade	Syringe 2×2 g
A1	REF 2	2586	B1	REF 2590
A2	REF 2	2587	WO	REF 2591
А3	REF 2	2588	OA2	REF 2592

Grandio®SO Flow

Flowable universal nano-hybrid restorative material













Indications

Fillings of class I to V cavities
Minimally invasive filling therapy
Extended fissure sealing
Blocking out undercuts
Lining or coating cavities
Repairing fillings and veneers
Luting translucent prosthetic pieces
(e.g., full ceramic crowns, etc.)
Interlocking and splinting teeth (e.g., with glass fibre strands)

Use as a base material in combination with glass fibres or similar products for fabricating semi-permanent crowns and bridges

Advantages

- Medium viscous flow composite,
 i.e. outstanding flow behaviour with
 complete wetting of the cavity walls
- Universal application for indication-appropriate treatment of all cavity classes
- Physical properties superior to those of various other packable materials, e.g. hardness, stability, abrasion resistance
- Very high filler content of over 80 % w/w
- Safe and precise application
- 13 shades for aesthetic restorations perfectly coordinated with GrandioSO

REF 2720	Set syringe 5 × 2 g (A1, A2, A3, A3.5, W0), shade guide, accessories		
Shade	Syringe 2 × 2 g	Caps 16 × 0.25 g	
A1	REF 2722	REF 2742	
A2	REF 2723	REF 2743	
А3	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
- 13 shades for aesthetic restorations perfectly coordinated with GrandioSO
- · High shade stability
- Very good polishability and durable brilliance
- Available in the non-dripping NDT®-syringe and in Flow-Caps with flexible metal cannulae

Clinical Case



Typical V-shaped cervical defect on 13



Application of GrandioSO Heavy Flow after conditioning and



Restoration immediately after polishing

Source: Dr. Walter Denner, Fulda / Germany





















RE	F 268	0		GA5	2 g (A2, A3,), shade guide,	
RE	REF 2607		Shade guid	de		
RE	REF 9301		Dispenser	– Cap	os	
RE	REF 2148		Application 100 pcs.	ı can	nulae type 46,	
Sh	ade	Syr	inge 2 × 2	g	Caps 16 × 0.25 g	5
A1		RE	F 2684		REF 2704	
A2		RE	F 2685		REF 2705	
АЗ		RE	F 2686		REF 2706	
А3	.5	RE	F 2687		REF 2707	
A4		RE	F 2688		REF 2708	
В1		RE	F 2690		REF 2712	
В2	<u>-</u>	RE	F 2691		_	
C2		RE	F 2692		_	
OA	12	RE	F 2693		_	
Inc	cisal	RE	F 2694		_	
BL		RE	F 2695		_	
WC)	RE	F 2696		_	
GA	15	RE	F 2689		_	

Grandio®SO x-tra

Aesthetic nano-hybrid bulk restorative material



Indications

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

Advantages

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



DIRECT RESTORATION















REF 9301	Dispenser – Ca	ips
Shade	Syringe 4 g	Caps 16 × 0.25 g
Universal	REF 2595	REF 2714
A1	REF 2596	REF 2715
A2	REF 2597	REF 2716
A3	REF 2598	REF 2717
Shade	Syringe 5 × 4 g	Caps 80 × 0.25 g
A3	REF 2599	REF 2719

GrandTEC®

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



Indications

Stabilisation of teeth

- after orthodontic therapy
- after periodontal therapy

For support in trauma therapy

- locking and splinting avulsed or loosened teeth
- fragment fixation after fracture

For reinforcing / fabricating provisional bridges made from composite and temporary C&B-materials

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

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

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

REF 1168 Glass fibre strands 5 x 55 mm REF 1169 Test Kit 5 glass fibre strands 55 mm each, model, application aids, GrandioSO Heavy Flow syringe 2 x 2 g A3, accessories

VisCalor®

Thermoviscous, universal restorative material





Indications

Class I to V restorations

Base fill (restoration base) in Class I and II cavities

Reconstruction of anterior teeth damaged by trauma

Veneering discoloured anterior teeth

Corrections in shape and shade to improve aesthetics

Interlocking, splinting of loose teeth

Repairing of veneers, enamel defects and temporary C&B materials

Extended fissure sealing

Restoration of deciduous teeth

Core build-up

Composite inlays

Advantages

- **Unique and innovative:** By pre-warming, the material is flowable during application and can be sculpted immediately afterwards (Thermo-Viscous-Technology)
- Excellent handling: Bubble-free application with a narrow and long cannula optimal for hard-to-reach areas
- High quality and durable:
 - Optimal flowing to margins and undercut regions
 - Excellent physical properties
- Efficiency:
- No need to change materials thanks to the combination of two levels of viscosity in one material
- No overlaying necessary
- High aesthetics:

11 shades with optimal coloration



















REF 6106 REF 6107 REF 6108 REF 6110 Shade		
KEF 6108	Caps 80 x 0.25 g (16 x A2, 16 x A3, 16 x A3.5, 16 x OA2, 16 x Incisal, shade guide,	
REF 6110	Shade guide	
Shade Caps 16 × 0.25 g		
A1	REF 6113	
A1 A2		
,	REF 6113	
A2	REF 6113 REF 6114	
A2 A3	REF 6113 REF 6114 REF 6115	
A2 A3 GA3.25	REF 6113 REF 6114 REF 6115 REF 6116	
A2 A3 GA3.25 A3.5	REF 6113 REF 6114 REF 6115 REF 6116 REF 6117	
A2 A3 GA3.25 A3.5	REF 6113 REF 6114 REF 6115 REF 6116 REF 6117 REF 6118	
A2 A3 GA3.25 A3.5 A4 B1	REF 6113 REF 6114 REF 6115 REF 6116 REF 6117 REF 6118 REF 6119	
A2 A3 GA3.25 A3.5 A4 B1 B2	REF 6113 REF 6114 REF 6115 REF 6116 REF 6117 REF 6118 REF 6119 REF 6120	
A2 A3 GA3.25 A3.5 A4 B1 B2 Incisal	REF 6113 REF 6114 REF 6115 REF 6116 REF 6117 REF 6118 REF 6119 REF 6120 REF 6121	

Clinical Case







after cooling

Application of the flowable

material with immediate sculpting



Final aesthetic restoration

Source: Dr. Walter Denner, Fulda / Germany

VisCalor® bulk

Thermoviscous bulk fill composite





Class I and II posterior restorations

Base in class I and II cavities

Class V restorations

Locking, splinting of loose teeth

Repairing veneers, enamel defects and temporary ${\ensuremath{\mathsf{C\&B}}}\xspace$ -materials

Extended fissure sealing

Restoration of deciduous teeth

Core build-up

Advantages

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



















REF 6062 Set Dispenser Caps 80×0.25 g ($16 \times$ universal, $16 \times A1$, $16 \times A2$, $32 \times A3$), VisCalor Dispenser

REF 6063 Set Caps Warmer

Caps 80×0.25 g ($16 \times$ universal, $16 \times$ A1, $16 \times$ A2, $32 \times$ A3), Caps Warmer

REF 6065 Caps 16×0.25 g universal

REF 6066 Caps 16×0.25 g A1 REF 6067 Caps 16×0.25 g A2 REF 6068 Caps 16×0.25 g A3

Clinical Case



Cleaned cavities



Applying the heated VisCalor bulk with its superb creamy consistency and slender cannula



Adapting the sculptable VisCalor bulk



Polished and rehydrated class II cavities the day after filling placement

Source: Dr. Fernando Feitosa, Americana / Brazil



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 teeth

Repairing veneers

Filling deciduous teeth

Core-build-up under crowns

Composite inlays

Advantages

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

















REF 1800	Set syringe 5×4 g (A1, A2, A3, A3.5, B2), shade guide		
REF 1801	Set + bond syringe 5 × 4 g (A1, A2, A3, A3.5, B2), shade guide + Futurabond NR <i>SingleDose</i> 50 pcs., accessories		
REF 1830	Set Caps 50×0.25 g (10 each of A1, A2, A3, A3.5, B2), shade guide		
REF 1899	Shade guide		
REF 9301	Dispenser – Ca	aps	
Shade	Syringe 4 g	Caps 20 × 0.25 g	
A1	REF 1810	REF 1840	
A2	REF 1811	REF 1841	
A3	REF 1812	REF 1842	
A3.5	REF 1813	REF 1843	
A4	REF 1814	REF 1844	
B1	REF 1824	REF 1854	
B2	REF 1815	REF 1845	
В3	REF 1816	REF 1846	
C2	REF 1817	REF 1847	
C3	REF 1818	REF 1848	
D2	REF 1825	REF 1855	
D3	REF 1819	REF 1849	
Incisal	REF 1820	REF 1850	
OA2	REF 1821	REF 1851	
OA3.5	REF 1822	REF 1852	
BL	REF 1823	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

















REF 1860	Set syringe 8 x 2 x A3, A3.5, shade guide, a	
REF 1899	Shade guide	
REF 9301	Dispenser – Ca	ips
REF 2146	· ·	
Shade	Syringe 2 x 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







DIRECT RESTORATION

Indications

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

Advantages

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

Advantages Amaris® Flow

- The ideal addition to Amaris
- Simple modelling of the incisal edge
- Easy wetting
- Fine cannula allows to apply small amounts











REF 1930	Set syringe 8×4 g (01, 02, 03, 04, 05, TL, TN, TD), Amaris Flow syringe 2×1.8 g (HT, HO), shade guide, accessories		
REF 1931	Set + bond syringe 8 × 4 g (O1, O2, O3, O4, O5, 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), shad	x 4 g (01, 02, TL, e guide	
REF 1949	Starter set Caps 32×0.25 g (4 each of O1, O2, O3, O4, O5, TL, TN, TD), Amaris Flow syringe 2×1.8 g (HT, HO), shade guide, accessories		
REF 1950	Set 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, accessories		
REF 1969	Shade guide		
REF 9301	Dispenser – Ca	aps	
REF 2144	Application ca 100 pcs.	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		0 16 005	
Translucent	Syringe 4 g	Caps 16 × 0.25 g	
Light, TL	REF 1940	REF 1960	
Neutral, TN	REF 1941	REF 1961	
Dark, TD	REF 1942	REF 1962	
Amaris® Flow	•		
Special shad		Syringe 2 × 1.8 g	
High translu		REF 1945	
High opaque	REF 1946		
REF 1932 and 1949 are not available in Canada			

Amaris® Gingiva

Highly aesthetic light-curing restorative material in gingiva shades



Indications

Class V restorations (cervical caries, root erosion, V-shaped defects) especially in cases of retreating gingiva e.g. as a result of periodontic 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



DIRECT RESTORATION







REF 1970	Set syringe 4 g base shade, syringe 3 × 1.2 g opaquers (white, light, dark), shade guide, accessories
REF 1971	Syringe 4 g nature
REF 2147	Application cannulae type 45, 100 pcs.
REF 2309	Disposable brushes for dental brush holder, 100 pcs.
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim,

5 pcs.

FinalTouch®

Light-curing characterisation material

FinalTouch

Indications

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

Advantages

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







REF 2321	Set syringe 5×1.5 g (white, blue, yellow, orange, brown), accessories
REF 2323	Syringe 1.5 g white, accessories
REF 2324	Syringe 1.5 g blue, accessories
REF 2325	Syringe 1.5 g yellow, accessories
REF 2326	Syringe 1.5 g orange, accessories
REF 2327	Syringe 1.5 g brown, accessories
REF 2147	Application cannulae type 45, 100 pcs.

Not available in Canada

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 block out

Repair of small enamel defects

Repair of small defects in aesthetic indirect restorations

Repair of temporary C&B-materials

Core build-up

Advantages

- 4 mm restoration base in one simple step
- Cures reliably in only 10 seconds (shade universal)
- Perfect surface affinity for outstanding adaption
- Low shrinkage stress
- High level of radiopacity (350 %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







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 × 2 g universal, accessories
REF 1791	Syringe 2×2 g A2, accessories
REF 1794	Caps 16×0.25 g universal
REF 1795	Caps 16 × 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





DIRECT RESTORATION











REF 1739 Syringe 10×5 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. Dr. Jürgen Manhart, Munich / Germany

Arabesk

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

Indications

Class I to V fillings

Reconstruction of traumatically affected anteriors

Shape and shade corrections for improved aesthetic appearance

Locking and splinting of loose teeth

Extended fissure sealing for molars and premolars

Veneer repairs

Core build-up under crowns

Especially suitable for composite inlays

Advantages

DIRECT RESTORATION

- · 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 1338 Set syringe 7 × 4 g (A1, A2, A3, A3.5, B2, B3, incisal), Vococid gel syringe 5 ml, Solobond M bottle 4 ml, shade guide, accessories

REF 2105 Shade guide

Shade	Syringe 4 g	Shade	Syringe 4 g
A1	REF 1339	B2	REF 1343
A2	REF 1340	В3	REF 1344
A3	REF 1341	Incisal	REF 1346
A3.5	REF 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 REF 2144	Dispenser – Caps Application cannulae type 44, 100 pcs.		
Shade	Syringe 3 g	Caps 25 × 0.25 g	
A2	REF 1563	REF 1560	
A3	REF 1564	REF 1561	
A3.5	REF 1565	REF 1562	

Alfacomp LC

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

Indications

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

Advantages

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



REF 1058 Syringe 4 g REF 1059 Caps 16×0.25 g Not available in Canada

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

DIRECT RESTORATION

- Non-sticky, good packability
- Abrasion-proof and stable shades
- Low shrinkage
- Durable and resistant restorations
- Low water uptake



REF 1360	A3.5, B2,	B3, incisa ml, Solobo	A1, A2, A3, I), Vococid gel nd M bottle	
REF 1373	A3.5), Voc	Set syringe 3 × 4 g (A2, A3, A3.5), Vococid bottle 3 ml, Solobond M bottle 4 ml, accessories		
REF 2107	Shade gui	de		
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			

Twinky Star® · Twinky Star® Flow

Coloured light-curing compomer restorative material with glitter effect



Indications

Fillings in deciduous teeth

Advantages

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



Coloured Twinky Star fillings in deciduous teeth









REF 1680	Set Caps 40 × 0.25 g (5 of each shade), shade guide
REF 1689	.,
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	r® Flow
Shade	Syringe 2 g
Blue	REF 1693
Pink	RFF 1694

Restoratives (Glass ionomer materials)

43	43	17	Light-d	47	46	45	45	44	Glass	Page
lonolux handmix	lonolux capsule	lonoseal syringe, tube	Light-curing glass ionomer restorative materials	Aqua Ionofil Plus Hand-Mix	VOCO Ionofil Molar AC Quick capsule	VOCO Ionofil Molar handmix	lonoStar Molar capsule	IonoStar Plus capsule	Glass ionomer restorative materials	
Glass ionomer restorative material	Glass ionomer restorative material	Glass ionomer composite cement	ative materials	Water-mixable glass ionomer restorative material	Fast-setting glass ionomer restorative material	Glass ionomer restorative material	Glass ionomer restorative material	Fast-setting glass ionomer restorative material	ปร	
ω	e _w			• ₂	2	· 2	1,2	1,2		
					· 1,2	• 1,2	• 2	• 2		class II
•	•			•			•	•		
•	•			•	•	•	•	•		class V / cervical defects
٠	•	•		•	•	•	•	•		base / liner / core build- ups
		•		•				•		extended fissure sealing
•	•			•	•	•	•	•		restorations of deciduous teeth
•	•				•	•	•	•		temporary treatment
ν ω	> 2,5			2,5 - 3,5	1,5	2-3	1,5	₽		working time [min.]
light-curing: 20 s / 2 mm	light-curing: 20 s / 2 mm	light-curing: 20 s / 1 mm		5 - 6	2,5	4 - 5	3 - 4	2		setting time

³ small fillings

¹ non occlusion-bearing ² semi-permanent

Ionolux®

Light-curing glass ionomer restorative material







Indications

Class III and V restorations, primarily cervical fillings and root caries

Restoration of deciduous teeth

Small class I fillings

Temporary fillings

Core build-up

Linings

Advantages

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





DIRECT RESTORATION







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

Clinical Cases





Tooth 35 with cervical defect

Tooth 35 immediately after treatment

Source: Dr. Isma Goltz, Bremen / Germany





Teeth 16, 15 after excavation



Subsequent treatment with

Source: Prof. Hervé Tassery, PU-PH, Marseille / France

IonoStar® Plus

Fast-setting glass ionomer restorative material

DIRECT RESTORATION



Indications

Restorations of non occlusion-bearing class I cavities

Semi-permanent restorations of class I and II cavities

Restorations of cervical lesions, class V cavities, root caries

Restorations of class III cavities

Restoration of deciduous teeth

Base / liner

Core build-up

Temporary restorations

Extended fissure sealing

Advantages

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

IonoStar Plus









REF 2540	Set application capsule 50 pcs. $(10 \times A2, 30 \times A3, 10 \times A3.5)$
REF 2548	Application capsule 20 pcs. A1
REF 2543	Application capsule 20 pcs. A2
REF 2544	Application capsule 20 pcs. A3
REF 2545	Application capsule 20 pcs. A3.5
REF 2546	Application capsule 150 pcs. A2
REF 2547	Application capsule 150 pcs. A3
REF 2331	Applicator – AC type 1

Clinical Case







Application of IonoStar Plus



Packable viscosity







Result

IonoStar® Molar

Glass ionomer restorative material





RFF 2331

DIRECT RESTORATION







REF 2520 Set application capsule 50 pcs. $(10 \times A1, 10 \times A2, 30 \times A3)$ REF 2522 Set application capsule 150 pcs. A2, AC Applicator type 1 Set application capsule 150 pcs. REF 2523 A3, AC Applicator type 1 REF 2524 Application capsule 20 pcs. A1 REF 2525 Application capsule 20 pcs. A2 REF 2526 Application capsule 20 pcs. A3 REF 2532 Application capsule 150 pcs. A2 RFF 2533 Application capsule 150 pcs. A3

Applicator - AC type 1

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

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

including class V cavities

Core build-up

Restoration of deciduous teeth Restoration of V-shaped defects and cervical enamel or root erosions

Advantages

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



REF 1447	Powder 15 g A1
REF 1442	Powder 15 g A2
REF 1443	Powder 15 g A3
REF 1448	Liquid 10 ml

VOCO Ionofil® Molar AC Quick

Fast-setting glass ionomer restorative material











REF 1630	Set application capsule 48 pcs. $(8 \times A1, 8 \times A2, 32 \times A3)$, Final Varnish LC bottle 3 ml
REF 1631	Application capsule 48 pcs. A1
REF 1634	Application capsule 48 pcs. A2
REF 1632	Application capsule 48 pcs. A3
REF 1241	Final Varnish LC bottle 2 x 3 ml
REF 2331	Applicator – AC type 1
REF 9300	Activator – AC

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

DIRECT RESTORATION

Advantages

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

Easy Glaze®

Nano-filled light-curing coating for surface sealing

Indications

Surface sealing of provisional crowns and bridges, glass ionomer restorations and definitive composite restorations

Protecting glass ionomer surfaces against the effects of moisture and dehydration immediately after placement Sealing glass ionomer liners / build-up restorations before taking impressions Sealing and protecting the adhesive interfaces between restoration and tooth structure

Advantages

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

In combination with VOCO Ionofil® Molar and IonoStar®

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



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

Aqua Ionofil Plus

Water-mixable glass ionomer restorative material



Indications

Restoration of deciduous teeth

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

Restoration of cavities caused by carious lesions

Restorations of class III cavities and small class I cavities

Extended fissure sealing

Build-up fillings and linings

Advantages

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









Powder 3×15 g (A1, A2, A3), Final Varnish LC bottle 3 ml, REF 1509 accessories REF 1510 Powder 15 g A1 REF 1513 Powder 15 g A2 REF 1511 Powder 15 g A3 REF 2110 Shade guide





Indirect Restoration

Reliability. Practicality. Method.

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

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

For 3D printing work we recommend our perfectly coordinated materials for additive printing of objects.



V-Print® splint

Light-curing resin for the generative production of dental, therapeutic splints

Indications

Therapeutic splints

Auxiliary parts and functional parts for diagnostics

Bleaching splints (home bleaching)



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

INDIRECT RESTORATION

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







REF 6044

044 Bottle 1000 g clear

V-Print® splint comfort

Light-curing resin for the generative production of thermoflexible dental, therapeutic splints



approved for wound

contact

Indications

Therapeutic splints

Auxiliary and functional parts for diagnostics

Bleaching splints (home bleaching)
Palatal plates



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

- Highly flexible and abrasion-resistant extremely fracture-resistant and durable
- Thermoflexible and flavourless for excellent wearing comfort
- Transparent for hardly visible splints
- Low-odour and easy to polish for pleasant processing
- · Biocompatible and flavourless
- Classified as MD IIa







REF 6126 Bottle 1000 g clear

Not available in Canada

V-Print® SG

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

Indications

Dental drilling templates



All print partners can be found here www.voco.dental/3dprintingpartners

VOCO 🔞

Advantages

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







REF 6043

Bottle 1000 g clear

V-Print® model fast

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

Indications

Dental models



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

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







REF 6125 Bottle 1000 g blue

V-Print® model

Light-curing resin for the generative production of dental models

Indications

Dental working and presentation models



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

- Can be ground precisely no undesirable changes to the workpiece (e.g. due to heat generation)
- Scratch-proof, very hard surface allows trial fitting without deformation
- Suitable for thermoforming technique no deformation caused by heat from the process
- High precision for perfectly fitting restorations







REF 6042 Bottle 1000 g beige

V-Print® cast

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

Speedcasting and conventional heating

Indications

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

Advantages

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







REF 6045 Bottle 1000 g blue Not available in Canada

V-Print® dentbase

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

Indications

Removable denture bases

Advantages

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







REF 6048 Bottle 1000 g pink

Not available in Canada

V-Print® Try-In

Light-curing resin for the generative production of try-ins for prosthetics

Indications

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



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

INDIRECT RESTORATION

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





REF 6049 Bottle 1000 g beige

V-Print® tray

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

Indications

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

Occlusal registrations



All print partners can be found here www.voco.dental/3dprintingpartners

Advantages

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







REF 6047 Bottle 1000 g blue

Grandio® blocs · Grandio® disc

Nano-ceramic hybrid CAD / CAM material

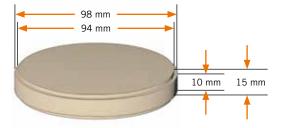
Indications

Crowns, inlays, onlays, veneers Implant supported crowns

Advantages

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

Size disc



Sizes blocs

No. 14L









The list of devices is continually extended and can be found at www.voco.dental/devicesgrandio











5 × No. 14L

REF 6018

Grandio® blocs

Low translucent

(LT) A1 LT

REF 6000 Set blocks
2 × No. 12 (A2 LT, A3 HT),
3 × No. 14L (A3 LT, A3 HT,
A3.5 LT), Bifix QM QuickMix
syringe 10 g universal,
Futurabond U SingleDose 5 pcs.,
Ceramic Bond bottle 5 ml,
Dimanto set, accessories

5 × No. 12

REF 6003

A2 LT	REF 6004	REF 6019
A3 LT	REF 6005	REF 6020
A3.5 LT	REF 6006	REF 6021
B1 LT	REF 6007	REF 6022
C2 LT	REF 6008	REF 6023
BL LT	REF 6009	REF 6024
High translucent		
	5 v No 12	5 v No 141
(HT)	5 × No. 12	5 × No. 14L
	5 × No. 12 REF 6012	5 × No. 14L REF 6027
(HT)		
(HT) A1 HT	REF 6012	REF 6027
(HT) A1 HT A2 HT	REF 6012 REF 6013	REF 6027 REF 6028
(HT) A1 HT A2 HT A3 HT	REF 6012 REF 6013 REF 6014	REF 6027 REF 6028 REF 6029

 $^{*}(1\ \text{each of A1 LT, B1 LT, C2 LT, BL LT, A1 HT})$

Grandio [®]	disc
Low trans	lucei

Low translucent	
(LT)	1 × 15 mm, ø 98 mm
A1 LT	REF 6050
A2 LT	REF 6051
A3 LT	REF 6052
A3.5 LT	REF 6053
B1 LT	REF 6054
C2 LT	REF 6055
BL LT	REF 6056
High translucent	
(HT)	1 × 15 mm, ø 98 mm
A1 HT	REF 6057
A2 HT	REF 6058
A3 HT	REF 6059
A3.5 HT	REF 6060

INDIRECT RESTORATION

Structur CAD

CAD / CAM composite for temporary restorations





Block REF 6076 Block 5 x No. 40L A1 **REF 6077** Block 5 x No. 40L A2 REF 6078 Block 5 x No. 40L A3 Disc ø 98 mm REF 6071 Disc A1 20 mm REF 6072 Disc A2 20 mm Disc A3 20 mm REF 6073



The list of devices is continually extended and can be found at www.voco.dental/devicesstructurcad

Indications

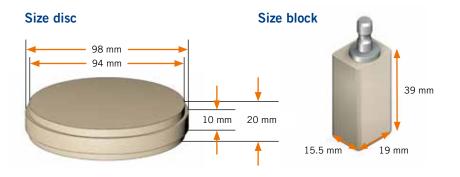
Temporary bridges spanning up to two pontics

Temporary abutment crowns

Temporary crowns

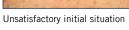
Advantages

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



Clinical case







Initial situation - close-up



CAD / CAM bridge on the model



Structur CAD after insertion Source: Dr. Felipe Araujo, Brazil

CediTEC® DT

CAD / CAM composite for denture teeth



Indications

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

Advantages

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





RFF 6085 Disc A1 20 mm, ø 98 mm RFF 6086 Disc A2 20 mm, ø 98 mm RFF 6087 Disc A3 20 mm, ø 98 mm RFF 6088 Disc BL 20 mm, ø 98 mm Not available in Canada

CediTEC®

Luting system for denture teeth in denture bases

CediTEC

Indications

Luting of prefabricated prosthetic teeth and CAD / CAM-produced individual teeth and tooth sections in CAD / CAMproduced denture bases

Luting of prosthetic teeth in the scope of a repair or extension

Advantages

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



REF 6082 Set cartridge 80 g CediTEC Adhesive, bottle 4 ml CediTEC Primer, accessories REF 2202 Mixing tips type 20, 50 pcs. REF 2245 Easy Brush, application brushes, 50 pcs. Not available in Canada

CediTEC® DB

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



Indications

Fabrication of denture bases for removable dentures

Advantages

• PMMA with high impact resistance and strength for a long time wearing period

INDIRECT RESTORATION

- High-quality denture bases, reproducible at any time
- Three shades for an aesthetic result
- Very good polishability individualisations possible at any time
- Aesthetic, precise, individual dentures with the CediTEC System







REF 6195 Disc pink 30 mm, ø 98 mm
REF 6196 Disc dark-pink 30 mm, ø 98 mm
REF 6197 Disc orange-pink 30 mm, ø 98 mm
Not available in Canada

INDIRECT RESTORATION

•	₫.	
•	5	
	mer	
	luting	

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

65	64	61	60	60	60	59	50	50	57	Luting			
Grandio Core Dual Cure	Rebilda DC	Quick Up	Aqua Meron	Meron	Meron	Meron Plus QM	Bifix Hybrid Abutment	Bifix QM	Bifix SE	Luting material			
composite	composite	composite	GIC ¹	GIC ¹	GIC ¹	resin reinforced GIC ¹	composite	composite	composite				
QuickMix syringe	QuickMix / cartridge	QuickMix syringe	handmix	handmix	capsule	QuickMix syringe	QuickMix syringe	QuickMix syringe	QuickMix syringe				
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			•	•	•	•	•	•	•		steel crowns		

Bifix® SE

Dual-curing self-adhesive composite-based luting system



Indications



from ceramic, zirconium dioxide, composites and metal



Definitive luting of inlays, onlays, crowns and bridges (not Maryland bridges) made

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

INDIRECT RESTORATION

Bitte>>













Advantages

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

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

tips type 1), 50 pcs.

Application





1 - 2 sec.











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





Bifix QM

Indications

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

Advantages

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









REF 1217 Set QuickMix syringe 10 g U (universal), Futurabond DC bottle 4 ml each of liquid 1 and 2, Ceramic Bond bottle 5 ml, accessories REF 1218 QuickMix syringe 10 g universal, accessories RFF 1219 QuickMix syringe 10 g transparent, accessories REF 1759 QuickMix syringe 10 g white-opaque, accessories REF 2261 Dispenser – QuickMix For further accessories see p. 89/90

Bifix® Hybrid Abutment

Universal, dual-curing luting composite for intraoral and extraoral application



Indications

Permanent extraoral and intraoral luting of superstructures (incl. mesostructures) made of metal, ceramics, zirconium dioxide and polymers (composite, hybrid ceramics or PMMA) on

- prefabricated adhesive/titanium bases (extraorally only)
- customised titanium and zirconium dioxide bases (both extraorally and intraorally)
- dental hard tissue

Advantages

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





auto mix



REF 2410	Implant Set – QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, Ceramic Bond bottle 5 ml, Futurabond U <i>SingleDose</i> 5 pcs., accessories
REF 2411	QuickMix syringe 10 g (universal HO), Try-In syringe 2.5 g, accessories
REF 2412	QuickMix syringe 10 g (white HO), Try-In syringe 2.5 g, accessories
REF 2413	QuickMix syringe 10 g (translu- cent), Try-In syringe 2.5 g, accessories
REF 2261	Dispenser – QuickMix
For further a	ccessories see p. 89/90
Not available	e in Canada

INDIRECT RESTORATION

Ceramic Bond

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



Indications

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

Advantages

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

Advantages of the SingleDose

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





REF 1106 Bottle 5 ml REF 1107 SingleDose 50 pcs., accessories

Meron Plus QM

Resin reinforced glass ionomer luting cement



Indications

Luting of

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

Advantages

- · Excellent adhesion to the dental structure
- · Precise marginal fit
- · Moisture and acid resistant
- Self-adhesive: secure and quick bonding without primer or conditioner
- · Excess material can be removed without waiting thanks to optional short-time light polymerisation
- QuickMix syringe ensures optimal application and a reliable mixing ratio









REF 1727	QuickMix syringe 8.5 g, accessories
REF 1728	QuickMix syringe 3×8.5 g, accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.

Meron (Application capsule)

Radiopaque glass ionomer luting cement



Indications

Luting of

- metal-based crowns, bridges, inlays and onlays
- high-strength all-ceramic crowns and bridges
- metal-based and high-strength all-ceramic crowns and bridges on implant abutments
- metal root posts or indirect metal post core build-ups
- prefabricated steel crowns
- orthodontic bands

Advantages

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



INDIRECT RESTORATION







REF 1242 Application capsule 50 pcs. REF 1243 Application capsule 150 pcs. REF 2331 Applicator - AC type 1

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)

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

Quick Up®

Self-curing luting material for attachments and secondary denture parts





Indications

Gingiva-coloured composite for luting attachments, such as ball, Locator® and telescope retention elements in prostheses with acrylic bases

Reluting secondary elements in prostheses with acrylic bases, e.g. connecting bars

Advantages

INDIRECT RESTORATION

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

Locator® is not a registered trademark of VOCO GmbH.







REF 1625 Set QuickMix syringe 7.5 g, Quick Up LC syringe 2 g, adhesive bottle 4 ml, Fit Test C & B QuickMix syringe 5 ml, accessories REF 1626 QuickMix syringe 7.5 g, accessories REF 1627 Quick Up LC syringe 2 g, accessories REF 1628 Adhesive bottle 4 ml. accessories REF 2261 Dispenser - QuickMix 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.

BrackFix®

Light-curing bracket bonding system



Indications

Direct bonding of orthodontic metal and ceramic brackets

Advantages

- Optimal consistency of the adhesive: stable positioning of the bracket on the surface of the tooth
- Provides secure adhesion for metal and ceramic brackets
- · Light-curing: long working time
- Can be exposed to loads immediately after polymerisation
- Fluorescent: allows for quick and gentle elimination of adhesive residues after bracket removal



BrackFix

REF 1205	Set adhesive syringe 2×4 g, Primer bottle 6 ml, accessories
REF 1206	Set SE adhesive syringe 2×4 g, Primer SE <i>SingleDose</i> 40 pcs., accessories
REF 1207	Adhesive syringe 2 × 4 g
REF 1208	Primer bottle 6 ml
REF 1209	Primer SE <i>SingleDose</i> 50 pcs., accessories
REF 2247	Single Tim, application brushes, 100 pcs.
REF 2315	Mixing palettes, 20 pcs.

Rebilda® Post

Glass fibre-reinforced composite post





Indications

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

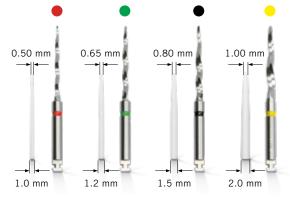
Advantages

- Dentine-like elasticity behaviour, high transverse strength
- High level of radiopacity (350 %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
 - cuts like dentine, very good physical properties
 - low setting temperature

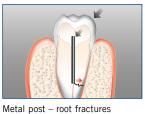


INDIRECT RESTORATION

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



Posts illustrations are not the actual size.





Rebilda Post - dentine-like E-modulus

Rebilda® Post GT

Bundled glass fibre-reinforced composite post



Indications

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

Advantages

- Optimal restoration of mechanically prepared root canals
- Simple application
- Saves time and reduces the extent of tooth substance removal, as there is no need for preparation of the post site, which weakens the tooth less than conventional posts

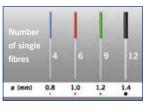
INDIRECT RESTORATION

- Optimal adaptation to all canal morphologies and geometries
- All materials in the set are perfectly coordinated
- Futurabond® U
 - safe self-cure
 - high adhesion without additional etching
- Rebilda® DC
 - suitable for post luting
 - cuts like dentine, very good physical properties
 - low setting temperature



REF 1972	Set 5 posts each of (~ Ø 0.8 mm, ~ Ø 1.0 mm, ~ Ø 1.2 mm, ~ Ø 1.4 mm), Ceramic Bond bottle 5 ml, Futurabond U SingleDose 20 pcs., Rebilda DC QuickMix syringe 10 g dentine, accessories
REF 1973	Post 4 (~ Ø 0.8 mm), 5 pcs.
REF 1974	Post 6 (~ ø 1.0 mm), 5 pcs.
REF 1975	Post 9 (~ ø 1.2 mm), 5 pcs.
REF 1976	Post 12 (~ ø 1.4 mm), 5 pcs.

Application















polymerisation













Rebilda® DC

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



Indications

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

Advantages

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

Clinical Case



Tooth 11 requiring therapy



Canal opening with root-canal filling



Root-canal filling with marginal integrity, up to the apex



Rebilda Post inserted into the



Prepared build-up - ready for impression

Source: Dr. Walter Denner, Fulda / Germany



INDIRECT RESTORATION







REF 1395	Set cartridge 50 g dentine, Futurabond DC bottle each of 4 ml liquid 1 and 2, dispenser type 3, accessories
REF 1396	Cartridge 50 g dentine, accessories
REF 1397	Cartridge 50 g blue, accessories
REF 1398	Cartridge 50 g white, accessories
REF 1402	Set QuickMix syringe 10 g dentine, Futurabond DC bottle each of 4 ml liquid 1 and 2, accessories
REF 1403	QuickMix syringe 10 g dentine, accessories
REF 1404	QuickMix syringe 10 g blue, accessories
REF 1405	QuickMix syringe 10 g white, accessories
REF 2259	Dispenser – type 3
REF 2261	Dispenser – QuickMix
REF 2191	Mixing tips type 11 for QuickMix syringe, 50 pcs.
REF 2139	Intraoral tips type 1 for QuickMix syringe, 50 pcs., to be used in the root canal
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.

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

Advantages

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

















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 2261	Dispenser – QuickMix
REF 2191	Mixing tips type 11 for QuickMix syringe, 50 pcs.
REF 2142	Intraoral tips type 4 for QuickMix syringe, 50 pcs.

Clinical Case



High loss of substance in the anterior area after excavation



Condition after build-up with Grandio Core Dual Cure, ready for impression



Final restoration

Source: Dr. Walter Denner, Fulda / Germany

Structur 3

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



Indications

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

Fabrication of long-term temporaries

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

Advantages

Processing

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

Aesthetics

- natural gloss and fluorescence
- available in 8 shades

Durability

- high compressive strength
- excellent fracture resistance

Clinical Case



Initial situation



Prepared cores



Finished temporary bridge





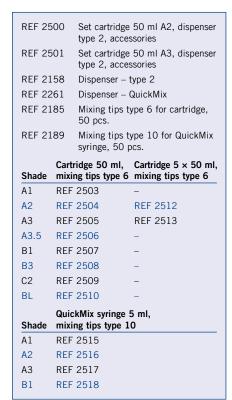












Appealing result

Source: Dr. Walter Denner, Fulda / Germany

Structur 2

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

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











REF 147		dge 75 g A3, dispenser
REF 149		dge 75 g A2, dispenser
REF 215	58 Dispenser	r – type 2
REF 226	51 Dispense	r – QuickMix
REF 218	Mixing tip 50 pcs.	os type 6 for cartridge,
REF 218	Mixing tip syringe, 5	os type 10 for QuickMix 50 pcs.
	Cartridge 75 mixing tips	g, 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 syri	nge 8 g,
Shade	mixing tips ty	pe 10
A1	REF 1309	
A2	REF 1310	
A3	REF 1311	
B1	REF 1312	

Clinical Case



Unsatisfactory aesthetic situation due to missing incisors, mesial inclination and the black triangle between the central incisors



Prepared and thereby axially corrected teeth



Treatment with temporaries made from Structur 2 SC. Visible aesthetic benefit provided already by the temporaries

Structur Premium

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







Indications

Fabrication of highly aesthetic crowns, bridges, inlays and onlays

Advantages

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



INDIRECT RESTORATION

auto mix





REF 2158 REF 2185	Dispenser – type 2 Mixing tips type 6 for cartridge, 50 pcs.
Shade	Cartridge 75 g, mixing tips type 6
A1	REF 1712
A2	REF 1713
A3	REF 1714
A3.5	REF 1717
B1	REF 1718
В3	REF 1715
BL	REF 1716

Temporary Set

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



Indications

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

Advantages

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

REF 2502 Structur 3 cartridge 50 ml A3, Provicol QM QuickMix syringe Clip Flow syringe $2 \times 1.8 \text{ g}$

Not available in Canada

INDIRECT RESTORATION

Provicol® QM Aesthetic

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



Indications

Temporary luting of provisional or definitive inlays, onlays, crowns, partial crowns / veneers and bridges

Temporary filling of small one-surface cavities

Advantages

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



auto mix

contains Ca(OH),

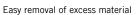
REF 1108 QuickMix syringe 5 ml, accessories

REF 1109 Set II QuickMix syringe $3 \times 5 \text{ mI}$ $(1 \times \text{Provicol QM}, 1 \times \text{Provicol})$ QM Plus, 1 × Provicol QM Aesthetic), accessories

RFF 2261 Dispenser - QuickMix REF 2189 Mixing tips type 10, 50 pcs.

Clinical Case







Attractive result with ZrO2 crowns

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

Provicol® QM Plus

Eugenol-free temporary luting cement with calcium hydroxide







Indications

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

Advantages

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

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



auto mix

contains Ca(OH),

REF 1098	QuickMix syringe 5 ml, accessories
REF 1099	Set QuickMix syringe 3×5 ml $(2 \times \text{Provicol QM}, 1 \times \text{Provicol QM Plus})$, accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.

Provicol® · Provicol® QM

Eugenol-free temporary luting cement with calcium hydroxide

Indications

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

Advantages

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





auto mix

temporary

contains Ca(OH),

REF 1075	Tube 2×25 g (base / catalyst)
REF 1078	Tube 10×25 g (base / catalyst)
REF 1074	QuickMix syringe 5 ml, accessories
REF 2261	Dispenser – QuickMix
REF 2189	Mixing tips type 10, 50 pcs.

Provicol® C

Proven Provicol in cartridges

Indications

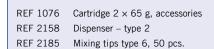
Temporary luting of inlays, onlays, crowns, partial crowns, bridges, attachments and posts

Temporary filling of small one-surface cavities

Advantages

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





Bifix® Temp

Dual-curing, composite-based temporary luting material

Indications

Non-permanent luting of temporary restorations





Advantages

- Translucent, tooth-like shade for aesthetic restorations
- Dual-curing flexible setting times by use of a polymerisation light
- Simple removal of excess material can be removed in one piece following brief light-curing



REF 1055	QuickMix syringe 5 ml universal, accessories
REF 2261	Dispenser – QuickMix
REF 2188	Mixing tips type 9, 50 pcs.

Clip · Clip F

Light-curing filling material for temporary restorations







Indications

Temporary fillings

Temporary sealing of cavities, especially in inlay / onlay technique

Advantages

INDIRECT RESTORATION

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







Clip

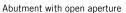
REF 1284 Syringe 2×4 g REF 1285 Syringe 3×4 g REF 1287 Caps 25×0.25 g REF 9301 Dispenser – Caps

Clip F (with fluoride)

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

Clinical Case







Aperture sealed with Clip Flow



Finished seal after light-curing

Source Dr. Marcelo Balsamo, São Paulo / Brasil

Clip Flow

Flowable, light-curing filling material for temporary restorations

Indications

Temporary inlay and onlay treatments of the cavity

Sealing of openings for implant screws Relining material for temporary crowns and bridges

Block out material for retentive areas in the dental arch, e.g. before taking impressions

Covering of the gingival margin Fixing of resin matrix during filling placement

Temporary filling of cavities and sealing of root canal orifices

Advantages

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





 $\begin{array}{lll} \text{REF 1282} & \text{Syringe 2} \times 1.8 \text{ g, accessories} \\ \text{REF 2148} & \text{Application cannulae type 46,} \\ & 100 \text{ pcs.} \end{array}$

Ufi Gel® hard C · Ufi Gel® hard

Hard direct denture relining



Indications

Hard, permanent total or partial relinings to restore the functions of partial and total dentures

Lengthening of denture margins

Advantages

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





INDIRECT RESTORATION



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 REF 2217 Adhesive bottle 10 ml 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

Clinical Case

















Ufi Gel® SC · Ufi Gel® P

Permanently soft, cold-curing relining material on silicone base

INDIRECT RESTORATION



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





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 2×10 ml (base / catalyst)
REF 2049	Polishing discs, 10 pcs.
REF 2158	Dispenser – type 2
REF 2187	Mixing tips type 8, 50 pcs.
Ufi Gel® P	
REF 2070	Set tube base 50 ml, catalyst 50 ml, glazing base 10 ml, glazing catalyst 10 ml, adhesive bottle 10 ml, accessories
REF 2071	Tube 2×50 ml (base / catalyst)
REF 2076	Adhesive bottle 10 ml
REF 2309	Disposable brushes for dental brush holder, 100 pcs.
REF 2315	Mixing palettes, 20 pcs.
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.

Clinical Case



SEATING OF THE PROSTHESIS AND MOVEMENTS OF THE MANDIBLE







V-Posil® Putty Fast · Putty Soft Fast · **Heavy Soft Fast · Mono Fast**

Precision impression material, VPS



Indications

V-Posil Putty Fast / Soft Fast is used as preliminary material for

- two-step putty-wash impression technique
- one-step putty-wash impression technique
- two-step putty-wash impression technique using a foil (plastic putty spacer)
- one-step putty impression technique for forming functional peripheries

V-Posil Heavy Soft Fast is to be used as heavy bodied material for

- one-step impression technique (simultaneous technique) using dual viscosities
- two-step impression technique using dual viscosities
- functional impressions

V-Posil Mono Fast is to be used as a medium bodied tray or syringeable impression material for

- taking impressions over fixed / removable restorations and implants (i.e., transferring impression posts and bridge components)
- functional impressions
- fabricating crown and bridgework or inlays
- fabricating full or partial dentures
- reline impressions
- transferring root posts when fabricating posts and cores indirectly
- multi tray technique
- use in the simultaneous mixing technique as well as the putty-wash technique

Advantages

- High precision strongly hydrophilic addition-curing silicone for good wetting of oral structures
- Treatment comfort long working time combined with a short intraoral setting time*
- Safe removal high touhgness allows removal without damaging filigree structures
- Perfect prosthetics good hydrophilicity and high recovery after deformation of the set impression makes the pouring out and thus the restoration perfect
- * V-Posil Putty Fast 380 ml: Extraoral working time ≤ 01:30 min., time in mounth ≥ 02:30 min.



V-Posil Putty Fast

INDIRECT RESTORATION

KEF 2001	Jai 2 x 450 iiii, accessories
REF 2562	Jar 8×450 ml, accessories
REF 2563	Cartridge 380 ml, accessorie
REF 2564	Cartridge 2 × 380 ml
REF 2203	Mixing tips type 30, 50 pcs.

V-Posil Putty Soft Fast

REF 2579 Jar 2×450 ml, accessories

V-Posil Heavy Soft Fast

REF 2565	Cartridge 380 ml, accessories
REF 2566	Cartridge 2 × 380 ml
REF 2567	Cartridge 2 × 50 ml, accessorie
REF 2568	Cartridge $10 \times 50 \text{ ml}$
REF 2196	Mixing tips type 16, 50 pcs.

REF 2203 Mixing tips type 30, 50 pcs. V-Posil Mono Fast

IVLI 2303	Cartridge 300 IIII, accessories
REF 2570	Cartridge 2 × 380 ml
REF 2571	Cartridge 2 × 50 ml, accessorie
REF 2572	Cartridge 10×50 mI
REF 2196	Mixing tips type 16, 50 pcs.
REF 2203	Mixing tips type 30, 50 pcs.
REF 2133	Intraoral tips type 6, 50 pcs.

V-Posil® Light Fast · V-Posil® X-Light Fast

INDIRECT RESTORATION

Precision impression material, VPS



Indications

V-Posil Light Fast and V-Posil X-Light Fast are to be used as syringeable impression materials for

- two-step putty-wash impression technique
- one-step putty-wash impression technique
- two-step impression technique using a foil (plastic putty spacer)
- one-step impression technique (simultaneous technique) using dual viscosities
- reline impressions
- fabricating full or partial dentures

Advantages

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





V-Posil Light Fast

REF 2573 Cartridge 2×50 ml, accessories REF 2574 Cartridge 10×50 ml REF 2186 Mixing tips type 7, 50 pcs. REF 2141 Intraoral tips type 3, 50 pcs.

V-Posil X-Light Fast

Clinical Case



Prepared teeth with retraction cord



Encasing the teeth in V-Posil Light Fast



Precise impression taking with V-Posil Putty Fast and V-Posil Light Fast



Finished denture on the model



Aesthetically natural result

Source: Dr. Walter Denner, Fulda / Germany

VOCO Retraction Paste

Astringent paste for an effective temporary widening and dry gingival sulcus



INDIRECT RESTORATION

Indications

For temporary retraction of the marginal gingiva to provide a dry gingival sulcus when the periodontium is healthy prior to, e.g.

- analogue or digital impressions
- cementation of temporary and permanent restorations
- preparation of class II and V fillings

Advantages

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

REF 1013 Caps 100 x 0.3 g REF 9301 Dispenser – Caps Not available in Canada

REF 1012 Caps 25 x 0.3 g



Easy application into the sulcus

Application









Precise impression with V-Posil

Applied VOCO Retraction Paste After

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

Paste makes the impossible possible. Dr. Bogdan Bratu, Romania

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

Registrado® X-tra

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





Indications

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

Advantages

INDIRECT RESTORATION

- 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 90

REF 2035 Cartridge 2 \times 50 ml, accessories REF 2036 Cartridge 8 \times 50 ml, accessories REF 2158 Dispenser – type 2 REF 2196 Mixing tips type 16, 50 pcs. REF 2140 Intraoral tips type 2, 50 pcs.

Application







No resistance on occlusion



The bite registration can be easily trimmed with a scalpel

LC Dam

Light-curing gingival protection



Indications

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

Advantages

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





REF 1655 Syringe 2 g, accessories

Not available in Canada

Individo® Lux

Preformed individual impression trays, light-curing



Indications

Fabrication of individual trays from contoured plates for maxillae and mandibles

Advantages

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



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 transparent pink impression trays / base plates, light-curing



Indications

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

Fabrication of individual trays from contoured plates for maxillae and mandibles

Advantages

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



REF 2111 Maxillae / mandibles 2 x 25 pcs.
REF 2112 Maxillae 50 pcs.
REF 2113 Mandibles 50 pcs.

Fit Test® C & B

Addition-curing silicone material for checking of prosthetic reconstructions



Indications

Control of precision of fit, marginal adaptation and marginal gaps of

- full or partial crowns as well as bridges
- inlays / onlays
- cast post abutments / post crowns
- metal denture bases
- implant-supported crowns and bridges
- attachments and other secondary parts of dentures

Advantages

INDIREKTE RESTAURATION

- Fast diagnostic help for all restorative pieces
- QuickMix syringe for simple handling

 automatic bubble-free mixing
- Direct application
- Optimal colour for metal and ceramic restorations
- Fast results due to short working and setting time



REF 2095	QuickMix syringe 5 ml, accessories
REF 2261	Dispenser – QuickMix
REF 2188	Mixing tips type 9, 50 pcs.
REF 2191	Mixing tips type 11, only with intraoral tips type 1, 50 pcs.
REF 2139	Intraoral tips type 1, 50 pcs.

Cimara®

Material for ceramic repair with light-curing composite



Indications

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

Advantages

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



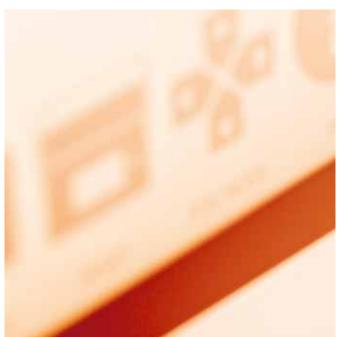




REF 1196 Set coupling silane 8 × 0.3 ml, adhesive bottle 4 ml, Opaquer LC syringe 1.2 g, GrandioSO Caps 8 × 0.25 g (A1, 2 × A2, 2 × A3, A3.5, B2, GA3.25), accessories REF 1197 Coupling silane 4 × 0.3 ml, accessories REF 1198 Adhesive bottle 4 ml REF 1575 Opaquer LC syringe 1.2 g, accessories REF 2147 Application cannulae type 45, 100 pcs. 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.		
accessories REF 1198 Adhesive bottle 4 ml REF 1575 Opaquer LC syringe 1.2 g, accessories REF 2147 Application cannulae type 45, 100 pcs. 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,	REF 1196	adhesive bottle 4 ml, Opaquer LC syringe 1.2 g, GrandioSO Caps 8×0.25 g (A1, $2 \times A2$, $2 \times A3$,
REF 1575 Opaquer LC syringe 1.2 g, accessories REF 2147 Application cannulae type 45, 100 pcs. 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,	REF 1197	, ,
accessories REF 2147 Application cannulae type 45, 100 pcs. 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,	REF 1198	Adhesive bottle 4 ml
100 pcs. 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,	REF 1575	
brush holder, 100 pcs. REF 2315 Mixing palettes, 20 pcs. REF 2338 Brush holder for VOCO disposable dental brushes and Micro Tim,	REF 2147	
REF 2338 Brush holder for VOCO disposable dental brushes and Micro Tim,	REF 2309	•
dental brushes and Micro Tim,	REF 2315	Mixing palettes, 20 pcs.
	REF 2338	dental brushes and Micro Tim,







Devices · Various

Advancement. Efficacy. Practice-orientation.

The future of dentistry is digital. 3D printers play an ever-increasing role in the digital workflow of dental practices as well as laboratories. VOCO's SolFlex series comprises sophisticated equipment in different sizes, offering possibilities for new processing dimensions.

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

SolFlex 170 HD

Additive manufacturing for digital dentistry









REF 9310 3D printer REF 9311 PowerVat 170 HD – material reservoir REF 9312 PowerVat 170 HD – foils REF 9313 PowerVat 170 HD – light protection cover

Advantages

- Big build area but small base of the printer
- Fast printing up to 120 mm/h1
- WIFI for a wireless trasmission of printing data
- **Efficient** cost-effective and durable replaceable film for the PowerVat

Technical Data

Exposure technology UV-LED DLP $^{\circ}$ Base area 296 \times 318 mm

Build area $68 \times 121 \text{ mm (1 exposure area)}$

Max. build height 180 mm Layer thickness $25 - 200 \mu m$

Building speed up to 120 mm/h¹, depending on layer thickness material etc.

Pixel size $63 \ \mu m^1$ Precision $\pm 31.5 \ \mu m$ Weight approx. 15 kg Connection Ethernet, USB, WIFI

Max. building capacity up to 3 / 62 models, 3 / 62 surgical guides,

6 / 12² splints

Size printing platform



Advantages PowerVat

- Precise printing of solid objects e.g. models
- Processing of highly viscous materials
- Material storage in the PowerVat possible
- Cost-effective replaceable film

 $^{^{\}mbox{\tiny 1}}$ Pixel Size and Print Volume may vary.

² Full arch splints, models or surgical guides. Printed on one or two levels with individual support.

OtoFlash

Polymerisation unit for light-curing resin materials



Advantages

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

REF 9133 Polymerisation unit REF 9130 Polymerisation unit

Polymerisation unit with connection for inert gas

REF 9132 Tray

Technical Data

Dimensions of polymerisation chamber $120 \times 120 \times 50 \text{ mm}$

Rated voltage 100, 117, 230 volt AC, adjustable by switch

Power input 250 wat

Spectral distribution 280 - 700 nm, maximum between 400

and 500 nm

Flash frequency 10 flashes per second

Digital timer adjustable from 1 to 9,999 flashes

Dimensions $310 \times 310 \times 140 \text{ mm}$

Weight 6 kg

VOCO Dynamic Dispenser

Dynamic mixing device

Indications

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

Advantages

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



REF 9140 Mixing device 230 V Not available in Canada

VisCalor® Dispenser

Preheating dispenser for composite Caps



Indications

Warming and application of highly filled composites in Caps

Advantages

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



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

Caps Warmer

Preheating device for composite Caps



Indications

Device for warming composite Caps

Advantages

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



REF 9001 Preheating device

Celalux® 3

High-Power LED curing-light



Indications

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

Advantages

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

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

Accessories

REF 9091 Light guide 8 mm, autoclavable REF 9092 Device Base REF 9093 Rubber shield, 5 pcs.



Application



VOCO GIC Mixer®

Capsule mixing device especially for glass ionomer cements



REF 9050 Capsule mixing device

Indications

Device for mixing powder and liquid in application capsules

Advantages

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

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.

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 Not available in Canada

Pele Tim

Foam pellets for application of liquid or paste preparations without pressure

Indications

Touching of infected alveoli

Endodrain

Vitality test

Removal of material excess from cementation or sealing

Simple application, e.g. of fluoride preparations

Advantages

- 5 practical sizes
- Painfree application without pressure
- Economical application
- Hygienic application without fluff



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

Block Out Gel LC

Light-curing block out material

Indications

Blocking out of plaster models

Advantages

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



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

Not available in Canada

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 Not available in Canada

Traypurol® tabs

Active-tabs for cleaning impression trays and instruments



Indications

Self-acting cleaning of impression trays and instruments

Advantages

- Removes 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.

Caps Dispenser

Direct application dispenser for dispensing restorative materials in Caps



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

QuickMix Dispenser

Dispenser - Caps

REF 9301

Dispenser to extrude dental materials from QuickMix syringes



For 1:1 QuickMix syringes

REF 2261 Dispenser - QuickMix

AC Applicator type 1

Applicator for the direct administration of glass ionomer cement restorative and luting materials in application capsules (AC)



REF 2331 Applicator - AC type 1

AC Applicator type 2

Applicator for the direct administration of glass ionomer cement restorative and luting materials in application capsules (AC)



REF 2334 Applicator - AC type 2

AC Activator

Device to activate VOCO application capsules (AC)



REF 9300 Activator - AC

Application brush dispenser

Dispenser for hygienic removal of application brushes - can be repeatedly refilled with two types of brushes



REF 2244 Dispenser - application brushes

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

Application					
REF 2249	Micro Tim, fine application brushes, 100 pcs.	-	REF 2247	Single Tim, application brushes, 100 pcs.	
REF 2309	Disposable brushes for dental brush holder, 100 pcs.	-	REF 2246	Endo Tim, application brushes, to be used in the root canal, 50 pcs.	
REF 2338	Brush holder for VOCO disposable dental brushes and Micro Tim, 5 pcs.	~	REF 2245	Easy Brush, application brushes, 50 pcs.	



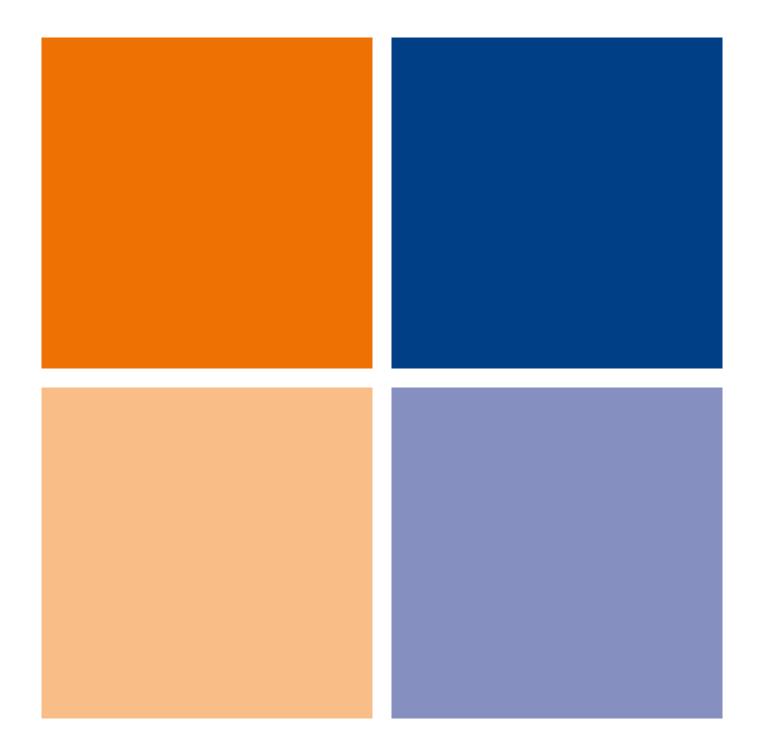
Application	cannulae			
REF 2145	Application cannulae type 40 for Fissurit F / FX, 100 pcs.	REF 2147	Application cannulae type 45 for Amaris Gingiva, Cimara Opaquer LC, FinalTouch, GrandioSO Light Flow, Grandio Seal, 100 pcs.	
REF 2146	Application cannulae type 41 for Admira Fusion Flow, Bifix Hybrid Abutment, Calcimol LC, Grandio / SO Flow, Ionoseal, LC Dam, 100 pcs.	REF 2148	Application cannulae type 46 for Admira Fusion x-base, Clip Flow, 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 2167	Application cannulae type 43 for VOCO Profluorid Varnish cartridge, 100 pcs.	REF 2132	Application cannulae type 48 for Vococid, 50 pcs.	
REF 2144	Application cannulae type 44 for Admira Flow, Amaris Flow, Arabesk Flow, Block Out Gel LC, GrandioSO Light Flow, Quick Up LC, Twinky Star Flow, 100 pcs.			

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

Mixing spat	Mixing spatulas · Mixing pads · Mixing palettes						
REF 2303	Mixing pads 70×80 mm, with adhesive back, 4 pcs.	7 1	REF 2315	Mixing palettes, 20 pcs.	(BBBB)		



Admira Protect		AC Activator .88 AC Applicator .88 Admira Bond .22 Admira Fusion .24 Admira Fusion Flow .25 Admira Fusion x-base .27	F	Futurabond DC· .21 Futurabond M· .20 Futurabond M+ .20 Futurabond NR .22 Futurabond U· .19	R	Rebilda DC .64 Rebilda Post .62 Rebilda Post GT .63 Registrado X-tra .77 Remin Pro .11 Retraction Paste .76
Biffix Hybrid Abutment -58 Biffix QM -58 Biffix QM -58 Biffix SE -57	A	Admira Fusion x-tra .26 Admira Protect .13 Alfacomp LC .40 Amaris .36 Amaris Flow .36 Amaris Gingiva .37 Application brush dispenser 88 Aqua Ionofil Plus .47 Aqua Meron .60 Arabesk .40	G	Grandio .34 Grandio blocs .52 Grandio Core Dual Cure .65 Grandio disc .52 Grandio Flow .35 Grandio Seal .8 GrandioSO .28 GrandioSO Flow .29 GrandioSO Heavy Flow .30	S	SolFlex 170 HD -81 Solobond M -22 Structur 2 -67 Structur 3 -66 Structur CAD -53 Structur Premium -68 Temporary Set -68 Traypurol -87
Bifluorid 10	R	Bifix QM 58 Bifix SE 57		GrandTEC · · · · · · · · · 31	Т	Traypurol tabs
Calcicur	D	Bifluorid 10 · · · · · · · 10 Block Out Gel LC · · · · · · · 86	1	Ionofil Molar	U	Ufi Gel hard C .72 Ufi Gel hard C .72 Ufi Gel P .73 Ufi Gel SC .73
Perfect Bleach Office+	С	Calcimol LC 16 Caps Dispenser 88 Caps Warmer 83 Caries Marker 86 CediTEC 54 CediTEC DB 55 CediTEC DT 54 Celalux 3 84 Ceramic Bond 59 Cimara 79 CleanJoy 7 Clip 71 Clip F 71	M	IonoStar Plus	V	VisCalor .32 VisCalor bulk .33 VisCalor Dispenser .83 V-Posil Heavy Soft Fast .74 V-Posil Light Fast .75 V-Posil Mono Fast .74 V-Posil Putty Fast .74 V-Posil Putty Soft Fast .74 V-Posil X-Light Fast .75 V-Print cast .50 V-Print dentbase .51 V-Print model .50 V-Print model fast .50 V-Print SG .49
Profibase Prof				Perfect Bleach · · · · · · · · 14 Perfect Bleach Office+ · · · · · 14		V-Print splint
Provicol C	D	Dispenser·····88 Disposable articles ····89	Р	Profibase		V-Print Try-In
Fissurit F	E	,		Provicol C		VOCO lonofil Molar AC VOCO lonofil Molar AC Quick
x-tra fil · · · · · · · · · · · · · · · · · · ·	F	Fissurit FX	Q	·	X	x-tra base



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