DENTAL GUIDE 2017/2018

ITENA
CLINICAL PRODUCTS

EDITORIAL

When I joined Itena Clinical one year ago, I've had the pleasure to meet a team of dedicated individuals who are passionate about dentistry.

Our team is aware of the challenges faced by your profession and our everyday concern is to innovate to deliver top-quality products at the best value. All our range is carefully designed to improve ergonomics and productivity.

More than a catalogue, we have wanted this year's issue to be a dental guide with a modern layout and pedagogic information to reflect this commitment.

Introducing Klirich®, our patented plant-based formulation, we hope it will soon become your most precious ally in the treatment of gingivitis and oral cavity inflammation. This edition of our catalogue is also the opportunity to rediscover our whitening range (PureDay, PureNight, Pure Office), which has been adapted to ever better meet your needs.

All our flagship products that make dentistry easier and more efficient on a daily basis for more than 300,000 practitioners worldwide are present in this catalogue. If you want to know more about them, our website www.itena-clinical.com includes clinical cases, scientific studies and detailed product sheets.

Yannick FEILLENS
Managing Director

Dental medical devices for dental professionals. Carefully read the instructions on the packaging and product notices before use. Class I medical devices. Class IIa medical devices with CE0120 marking certified by SGS United Kingdom Ltd

SUMMARY

NEWS 2017/2018

PATENTED CONCEPT

IRRIGATYS
Page 28

OBTURYS
Page 77

TOTAL C-RAM
Page 75

NUMERYS
Page 54

PATENTED FORMULA

KLIRICH® PRO

Page 8

KLIRICH® HOME

Page 8

HYDROSPEED HD

Two new viscosities

Page 62

CARE PREVENTION

KLIRICH® PRO
KLIRICH® HOME

Periodontal Oral Gel

PATENTED FORMULA

ADVANTAGES

Unique combination of natural ingredients with exceptional properties:
anti-inflammatory*, anti-microbial*, healing*

Film-forming texture: keeps the product in the oral cavity

Immediate and longlasting effectiveness

Klirich Pro: office use

Helps relieve sensitive gums

Reduces bleeding gums

Maintains the pH balance of the mouth

Reduces tooth thermal hypersensitivity (hot or cold)

No discomfort during or after use

1 - Soft application tip

Perfect for gingival pockets

2 - Periodontal bent tip

Klirich Home: patient use

Technical data

Composition: Periodontal oral gel that is mainly from extracts of plants with remarkable intrinsic properties, such as:

- Grapefruit seeds
- Calendula flowers
- Alchemilla leaf
- Curcumin
- Stevia rebaudiana
- Cloves
- Cetylpiridinium chloride
- Hyaluronic acid
- Sodium Carbonate

Indications

Patented oral gel made in France from natural ingredients.
Klirich® Pro and Klirich® Home answer to the multiple problems of the oral cavity and gums.
This gel is intended to be applied in the oral cavity of adults to reduce inflammation related to gingivitis, bleeding, gingival recessions, gingival pockets.
It is particularly recommended in cases of mucositis, ulceration, flap surgery (implants) and post-scaling.

Clinical procedure

1 Stir the Klirich® Pro syringe for optimal mixing of the ingredients. Screw on the tip you have chosen

2 Apply a small amount of gel on the affected areas

3 Massage for at least 15 sec until totally absorbed

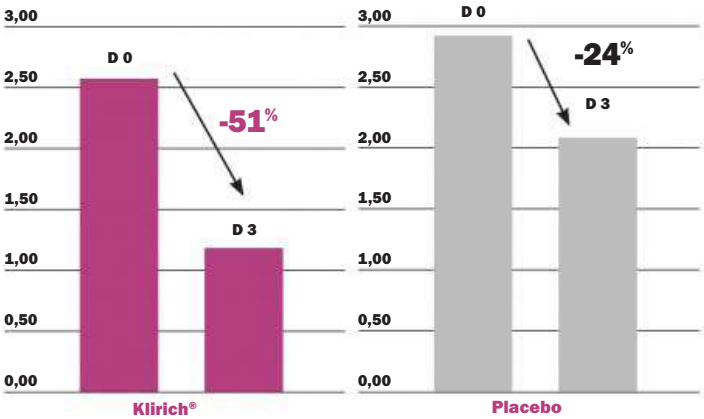
4 Keep in mouth around 15 sec without massaging and without swallowing

5 Suction up and wait 15 sec before rinsing with water

Klirich® destroys 99.9 % to 99.999 % of the tested pathogenic micro-organisms*.

(C. albicans, S. mutans, P. melaninogenica, P. gingivalis and S. sanguinis, Herpes simplex virus type 1, Actinomyces israelii and Aggregatibacter actinomycetemcomitans).
Microbiological study (independent laboratory)

Gingival inflammation index



After 3 days of use, the gingival inflammation reduced of 51% with Klirich® against 24% with the placebo.

References

Klirich® Pro

2 X 3 ml Klirich® Pro syringes
+ 12 gingival applicator tips
single use KKLIRC2S

Klirich® Home

3 X 4 ml Klirich® pens KLIR-H3S

Tips

1 - 20 soft application tips..... KLE-GV20
2 - 20 Periodontal bent tips..... KLE-PR20

* tested in vitro

PREVENT SEAL

Self-etching light-cured pit & fissure sealant

THE DENTAL ADVISOR ++++½

ADVANTAGES

Self-etching
No etching, no rinsing! A real time saver!

Excellent bonding strength on enamel (21MPa)
For a long lasting seal

Supplied with:
Pointed brushes
> For easy cleaning of the pits and fissures
Extra fine needle tips
> For precise and economical sealant

Optimal fluidity
For perfect spreading into the pits and fissures

POINTED BRUSHES
for the cleaning of pits

EXTRA FINE NEEDLE TIPS
for precise application

Hints & Tips

- *Instead of using small brushes, air abrasion can be used to thoroughly clean the tooth before applying the sealant*
- *The prepared surface must be thoroughly dried before Prevent Seal is applied, as the product is hydrophobic*
- *The small brushes are autoclavable*
- *Prevent Seal is a composite resin and is therefore compatible with all other available composites*

Indications

Use of the self-etching technique for **the preventative sealing of pits of permanent teeth in patients that present a raised risk of developing cavities.**

- For pits and fissures that are particularly sensitive to dental decay, as they are difficult to clean.
- Sealing with Prevent Seal self-etching pit & fissure sealant enhances oral hygiene and gives protection to sensitive tooth surfaces by protecting them with waterproof layer of resin, preventing the penetration of bacteria.

References

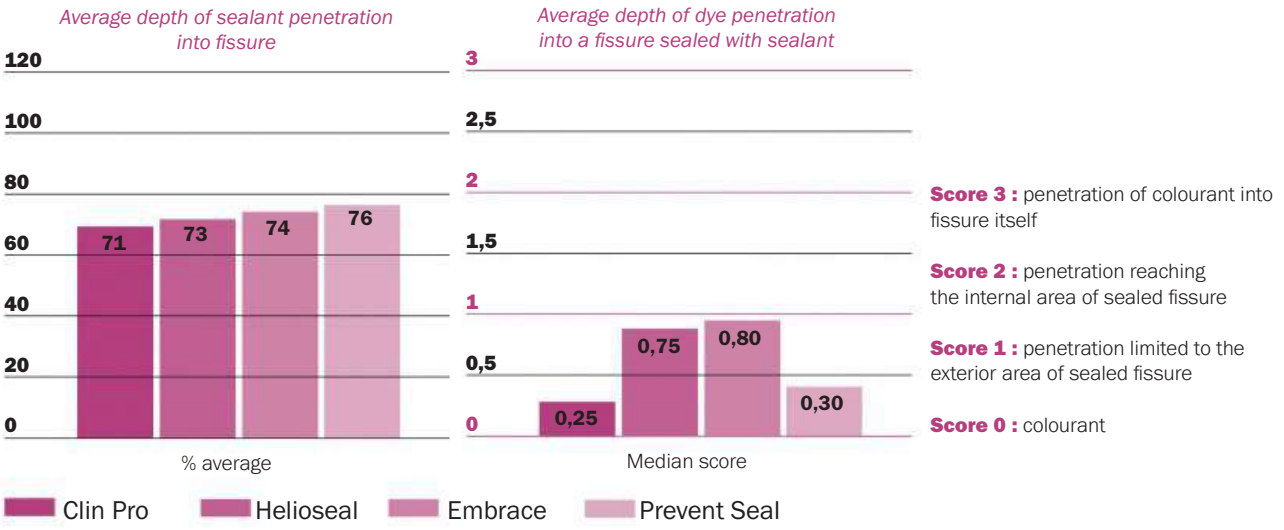
Prevent Seal

1.2 ml syringe
+ 10 extra-fine needle tips 25 G
+ 3 pointed brushes..... PVSEAL-1.2

Accessories

20 extra-fine needle tips..... PVSE-25G
15 pointed brushes..... PVBRO-15

COMPARATIVE STUDY OF THE SEALING STRENGTH OF 4 DIFFERENT MATERIALS used for sealing pits and fissures.
IMEB Laboratory, Faculty of Dentistry Marseille, Dr. Elena Savi, Prof. Corinne Tardieu, Prof. Jacques Déjou



Score 3 : penetration of colourant into fissure itself

Score 2 : penetration reaching the internal area of sealed fissure

Score 1 : penetration limited to the exterior area of sealed fissure

Score 0 : colourant

CONCLUSION OF STUDY:
Prevent Seal performances (i.e. penetration of sealant into pits and fissures and quality of peripheral seal) was equivalent to those of conventional sealants that require prior etching.

Clinical procedure


Pre-operative view


1 Clean under spray of water


2 Air-dry


3 Apply Prevent Seal


4 Let stand 15 sec


5 Light-cure for 20 sec


Post-operative view

BONDING

IPERBOND ULTRA

INNOVATION
PATENTED
FORMULA

Universal adhesive

ADVANTAGES

Excellent and **reliable adhesion** to enamel and dentine

Low evaporation: no acetone solvent for better consistency

Quick to apply: **only one coat** in self-etch mode
Reduces the risk of human error

Very thin interface to prevent any microleakage

Excellent marginal adaptation to both enamel and dentine

Helps to prevent the formation of bacterial biofilm

Reduced risk of post-operative sensitivity

Excellent bonding results for clinical cases including prepared enamel or dentine and indirect restoration

Iperbond Ultra becomes **self-curing** when mixed with **IPERBOND ULTRA ACTIVATOR**

CHOICE :
Self-etching mode, Total-etch *mode,* ***Dual auto-photo*** *mode, when mixed in equal quantities with* ***Iperbond Ultra Activator***
Tested and approved by the University Biomaterial Laboratory (Paris 5 - Montrouge) for use in all three modes

Indications

TOTAL-ETCH MODE (ETCHING AND RINSING)
- Unprepared enamel
- Sclerotic dentine
- Large enamel areas
- Ceramic fracture repairs
- Cavities with low retention
- Post cementation
- Bonding of prosthetic pieces (composite onlays, all-ceramic crowns)
- Cementation of radicular post

SELF-ETCH MODE
- Cavities with good retention
- Deciduous tooth restorations
- Enamel and dentine prepared surfaces
- Cementation of radicular posts
- Bonding without calcium hydroxide paste

DUAL MODE
For the bonding of self-curing or dual-curing composites and for areas which are unreachable with a LED curing unit:
- Corono-radicular restorations
- Bonding of indirect restorations
- Bonding of prosthetic pieces

References

Iperbond Ultra

5 ml bottle	IPBDUL-5

Micro-applicators

Blue conical	ACB-50
Green conical	ACV-50
Spherical	ASR-50

Bonding Strength

	On enamel	On dentine
Total-Etch mode	29.7 MPa	25.4 MPa
Self-Etch mode	26.1 MPa	21.3 MPa

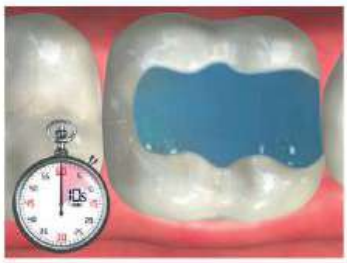
IPERBOND ULTRA ACTIVATOR

2 step self-etching bonding system

ADVANTAGES

- Makes Iperbond Ultra **self-curing**
- Ideal for areas that are uncurable with a LED curing unit
- Ideal for glass-fiber post bonding

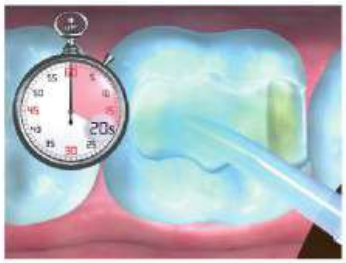
Clinical procedure



1 (Optional) Etch enamel and/or dentine for 10 sec max. Rinse for 15 sec

2 Apply Iperbond Ultra and distribute evenly for 20 sec

3 Air-dry for 5 sec



4 Light-cure for 20 sec

For areas which are unreachable with a LED curing unit, mix equal quantities of Iperbond Ultra and Iperbond Ultra Activator. Proceed with steps 2, 3, 4.

Reference	
Iperbond Ultra Activator	
3 ml bottle	IPBACTUL-3

QUICKBOND

2 step self-etching bonding system

ADVANTAGES

2 step self-etching bonding system made from an acidic water based self-etching primer and a light-cured adhesive

If applied to enamel, the Primer produces a significant pattern with an enhanced surface area, leading to improved enamel bonding

Delivers **high bonding values to both dentine and enamel**

No post-operative sensitivity

Dissolves the smear layer, penetrating the tubules and peritubular dentine, forming resin tags

Can be used with the Itena Bond Activator, to make the bonding agent self-curing. Ideal for areas which are unreachable with a LED curing unit

Indications

- Composite restorations with direct technique
- Bonding of all filling materials, dual core build up, compomers, resin cements, crowns, bridges, inlays and onlays

References

QuickBond Kit

10 ml of Prime "A", 10 ml of Bond "B"
+ 1 mixing pad
+ 50 blue micro-applicators
+ 50 green micro-applicators ..... DBQAK

QuickBond Prime «A»

10 ml bottle DBQAP-10

QuickBond Prime «B»

10 ml bottle DBQAB-10

Micro-applicateurs

50 blue conical micro-applicators ACB-50
50 green conical micro-applicators ACV-50
50 spherical micro-applicators ASR-50

BOND ACTIVATOR

Chemical activator for QuickBond

ADVANTAGES

- Ideal for areas which are unreachable with a LED curing unit
- **Makes the bonding agent compatible with dual composites**
- Ideal for glass-fiber post bonding

Reference	
Bond Activator	
7 ml bottle	DBAC-7

Clinical procedure

1 Apply 3 successive layers of **QuickBond PRIME** on the tooth surface

2 Let stand for 5 sec

3 Remove solvents with a gentle spray of air

4 Dry air strongly

5 Apply 2 successive coats of **QuickBond BOND**

6 Remove solvents with a gentle spray of air

7 Dry air strongly

8 Light-cure for 20 sec

For the bonding of self-curing or dual composites or for areas which are unreachable with a LED curing unit, combine equal drops of **BOND ACTIVATOR** with **QuickBond BOND** on a mixing pad, mix for 2 sec and proceed with steps 5, 6 and 7

C-RAM BOOSTER

Primer for ceramics

ADVANTAGES

- **Primer for all ceramic surfaces**
- No sandblasting, no etching needed
- Can be used on **zirconia, porcelain, glass ceramics and metal ceramics**
- Ideal surface coverage

MAIN STRENGTH :

Improves considerably adhesion between ceramic surfaces and resin materials

INDICATIONS/USE

- *Preparation of ceramic crowns, veneers and inlays prior to cementation*
- *Preparation of fractured ceramic restorations for repair with resin material*

Reference	
C-Ram Booster	
5 ml Bottle	CRAMBST5

Clinical procedure

Pre-operative view of a fractured ceramics bridge

1 Clean the surface with alcohol or acetone and dry

Brush & alcohol + 20 sec

2 Open the **C-Ram Booster** bottle and put 1 or 2 drops in a mixing pad. Close the bottle immediately.

3 Apply **C-Ram Booster** generously on the ceramics surfaces using a micro-brush

Brush & C-Ram Booster

4 Wait 2 min and air-dry

20 sec

5 **OPTION** : Apply our adhesive **Iperbond Ultra** in case of complex fractures

6 Repair the bridge with our nanohybrid composite Reflectys

Post-operative view of the repaired bridge

DENTOBOND PORCELAIN FIX

Bonding for ceramics

Technical data	
DentoBond Porcelain Etch :	
Hydrofluohydric Acid	8 %
Aqua	90,5 %
Xanta gum	1,5 %
DentoBond Porcelain Silane:	
Ethyl alcohol	97 %
Glycidoxypropyltrimethoxysilane	3 %

Reference	
DentoBond Porcelain Fix	
5 ml Etching + 5 ml Silane	DBPF-2.5

Ceramics bonding kits

- Preparation of fractured ceramics or ceramics metal
- Preparation of ceramic crowns, veneers and inlay surfaces prior to cementation

DentoBond Porcelain Fix contains:

- Porcelain Etch, a specially buffered viscous hydrofluoric acid (8%) that will etch ceramics of all types to make a **micro-porous surface which gives a strong mechanical interlock with composite resin materials**
- Porcelain Silane (97% ethyl alcohol) is a single component silane **that enhances bonding values and durability** when applied to etched surface

Intra- and extra-oral procedures:

- Isolate the area to be etched with a rubber dam
- Roughen the surface of ceramic to etch with a medium grain bur to remove the glazed surface and to create space for a sufficient layer of composite resin. Rinse all debris from the ceramic surface with copious amounts of water and spray dry with dry air
- Apply DentoBond Porcelain Etch to the ceramic surface with a small brush or instrument. Let stand for 60 sec
- Rinse the ceramic thoroughly with water to completely remove the etching and dry well. The etched ceramic should have a frosted white appearance. If not, repeat the procedure
- Brush DentoBond Porcelain Silane on etched ceramic surface and dry well with air spray

DENTOETCH

Etching gel

ADVANTAGES

- **Perfect consistency:** not too viscous not too liquid
- Stays in place, does not leak
- **Washes off quickly and easily**
- Excellent water **solubility**
- Tips can be angled to enable **easy and accurate placement** of the gel even in distal and lingual preparations

37% phosphoric acid etching gel. Indicated to etch enamel and dentine when preparing surfaces for application of composites

References

Etching gel

4 x 1.2 ml syringes + 8 needle tips.....DE-4.12
1 x 50 ml syringe + 5 empty 1.2 ml syringes .....DETCH-VP

DentoEtch tips

20 needle tips..... DEA-20

SILANEA

Silane

Silane **is a cross-linking agent used to improve adhesion**

ADVANTAGES

- Silanea reacts with mineral surfaces (such as glass or ceramic) via a condensation reaction
- Silanea also reacts with organic polymer surfaces (such as epoxy resin, polyester resin or methacrylate resin) initiating an additional reaction and/or copolymerization by reacting with terminal chemical groups and bonding with free radicals
- Silanization improves **adhesion and resistance to hydrolysis**
- Silanization increases **mechanical resistance**
- Silanea is a single-component silane product available in a syringe for controlled application, thus minimising product waste

References

Silanea

1.2 ml syringe
+ 5 needle tips..... SILSER1.2-5

Silanea tips

20 needle tips..... SILEMB-20

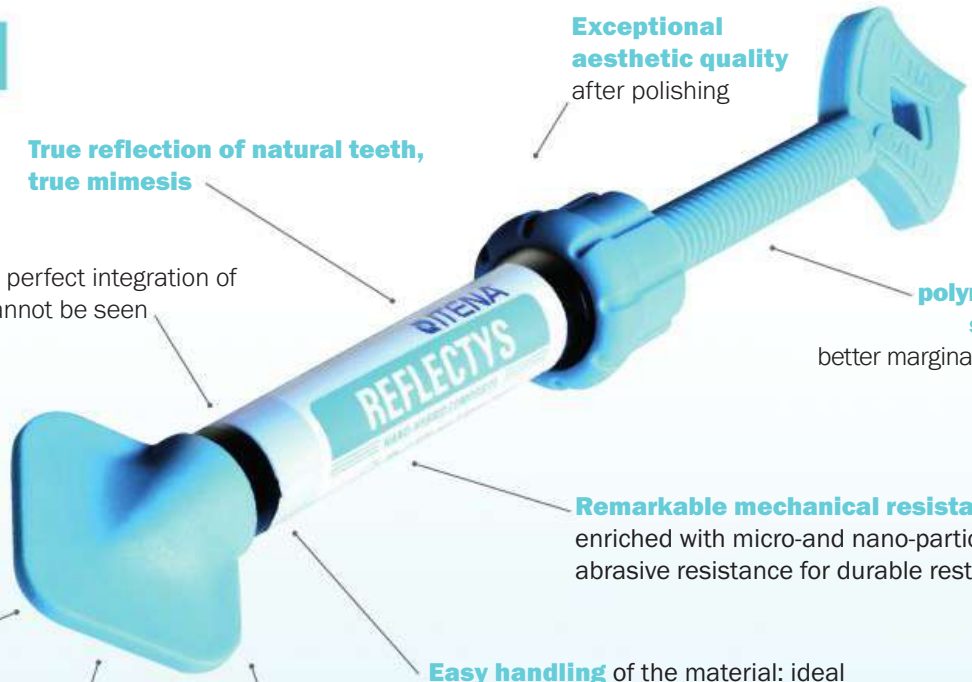
FILLING MATERIALS

REFLECTYS

Anterior and posterior nanohybrid light-cured composite material

THE DENTAL ADVISOR ++++½

ADVANTAGES



Exceptional aesthetic quality after polishing

True reflection of natural teeth, true mimesis

Invisible restoration, perfect integration of the composite. Joints cannot be seen

Low polymerization shrinkage: better marginal adaptation

No post-operative sensitivity

Remarkable mechanical resistance: enriched with micro-and nano-particles, abrasive resistance for durable restorations

Radiopacity equivalent to 220 % of Aluminium

Light-curing

Mixable: shades can be mixed

Easy handling of the material: ideal texture, does not stick to instruments or gloves, easy to sculpt and quick to polish

Indications

Universal composite
Restoration of both anterior and posterior teeth

- All classes (I to V)
- Fractured teeth
- Restoration of milk teeth

Technicale Data

Layer - Advised curing time 20s (LED)	2.5 mm
Depth of cure	2.95 mm
Compressive strength	288 MPa
Flexural strength	143 MPa
Flexural modulus	9110 MPa
Film thickness	8.2 µm
Water sorption	13.66 µg/mm^3
Solubility	0.56 µg/mm^3
Volume shrinkage	2.37 %
Radiopacity	220 % of Al

Available in syringe or capsule

16 shades available

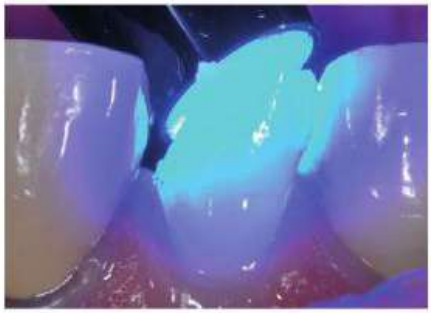
Integral kit

Clinical procedure

1 Pre-operative view showing substance loss

2 Full etching using DentoEtch 37% phosphoric acid

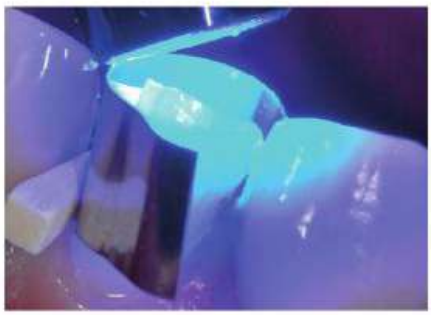
3 Application of Iperbond Ultra enamel-dentine adhesive



4 Light-curing of the adhesive for a period of 20 sec

5 Placement of a matrix and wooden interdental wedge to ensure good mesial contact

6 Application of an opaque shade of Reflectys composite (eg. shade A30) to the palatal side, then after light-curing, application of a normal translucent shade of Reflectys (eg. shade A3)



7 Light-curing of the composite for a period of 20 sec

8 View of the raw composite material after removal of the matrix

9 Final view after polishing with Perfect Polish silicone discs

References

VITA 3D shade guide

	Syringes	Capsules
A1	SRTYS-A1	CPTYS-A1
A2	SRTYS-A2	CPTYS-A2
A3	SRTYS-A3	CPTYS-A3
A3,5	SRTYS-A3,5	CPTYS-A3,5
A4	SRTYS-A4	CPTYS-A5
B1	SRTYS-B1	CPTYS-B1
B2	SRTYS-B2	CPTYS-B2
B3	SRTYS-B3	CPTYS-B3
C2	SRTYS-C2	CPTYS-C2
C3	SRTYS-C3	CPTYS-C3
D3	SRTYS-D3	CPTYS-D4
Stratification		
Enamel	SRTYS-E	CPTYS-E
Incisal	SRTYS-I	CPTYS-I
Pedo	SRTYS-P	CPTYS-P
Opaque A2	SRTYS-A20	CPTYS-A20
Opaque A3	SRTYS-A30	CPTYS-A30

Reflectys Kits

Reflectys Kit Introduction syringes

4 Reflectys syringes (A2, A3, A3.5, B2) + 2 Reflectys Flow syringes (A2, A3.5) with 10 tips + 1 DentoEtch syringe with 10 needle tips + Spherical micro-brushes + 1 Iperbond Ultra + 1 set of 6 Perfect Polish discs (2 of each type) + 1 spatula KTYS-SR

Reflectys Kit Introduction capsules

4 Reflectys capsules (20 x A2, 20 x A3, 20 x A3.5, 20 x B2) + 2 Reflectys Flow syringes (A2, A3.5) with 10 tips + 1 DentoEtch syringe with 10 needle tips + Spherical micro-brushes + 1 Iperbond Ultra + 1 set of 6 Perfect Polish discs (2 of each type) + 1 spatula KTYS-CP

Reflectys Integral kit

16 Reflectys syringes (A1, A2, A3, A3.5, A4, B1, B2, B3, C2, C3, D3, A20, A30, I, P, E) + 6 Reflectys Flow syringes (A1, A2, A3, A3.5, B2, B3) with 20 tips + 2 DentoEtch syringes with 20 needle tips + Spherical micro-brushes + 1 Iperbond Ultra + 1 set of 12 Perfect Polish discs (4 of each type) + 1 spatula KTYS-I

REFLECTYS FLOW

Flowable Nanohybrid composite material

ADVANTAGES

High aesthetic result:
easy to polish, durable shining, long lasting shade

Real reflection of natural teeth

Excellent thixotropy:
flows perfectly under pressure but stays in the cavity

Radiopaque

Contains fluorides

Low polymerization shrinkage

Light-curing

Enriched with nano-particles for an **exceptional abrasive resistance**

IDEAL FOR AREAS WITH DIFFICULT ACCESS

Indications

- Filling of minor invasive preparations with carious lesions
- Surface fillings of Class I, III and V
- Liners combined with high viscosity composite materials
- Marginal repairs to current composite fillings or inlays
- Repairs of bis-acrylic crowns and bridges
- Pit and fissure sealant
- Cementation of transparent orthodontic brackets and retainers
- Reinforcement of teeth after traumatic event or with weakened periodont

Hints and Tips

Ensure a better sealing during the placing of a composite!

After having your taperness with Flow, leave a layer og non polymerized flow composite before starting setting the composite. While shaping the composite, the flow will go up on the walls and give a better watertightness.

Technical data

Layer - Advised curing time 20 sec (LED)	2.5 mm
Depth of cure	3.18 mm
Compressive strength	250 MPa
Flexural strength	140 MPa
Water sorption	14 µg/mm3
Solubility	0.64 µg/mm3
Radiopacity	220 % of Al

References

Shade	2g syringe + 10 tips ø 0.9 mm
A1	FWTYS-A1
A2	FWTYS-A2
A3	FWTYS-A3
A3,5	FWTYS-A3,5
B2	FWTYS-B2
B3	FWTYS-B3

PERFECT POLISH

One-step diamond polishers

ADVANTAGES

Can be sterilized in an autoclave without any alterations

Stress-free polishing

Compatible with all decontamination products

High efficiency and very aesthetic result

Polishers made of **silicone reinforced with diamond powder**

Plastic made mandrel to avoid restoration damage by metalic parts

Saves time
Easy to use
Less handling compared with the usual systems

Achieve the perfect finish by just applying different pressures

Indications

For use on:
- Composites
- Compomers
- Glass ionomers

USE :
- Disc-shaped polisher for anterior restoration
- Flame or cup-shaped polisher for posterior restoration or for palatin faces or for lingual faces

References

Perfect Polish

6 polisher set - 2 of each type	PPASSORT-6
12 polisher set - 4 of each type	PPASSORT-12
6 Flame-shaped set	PPFLAM-6
6 Cup-shaped set	PPCUP-6
6 Disc-shaped set	PPDISC-6
12 Flame-shaped set	PPFLAM-12
12 Cup-shaped set	PPCUP-12
12 Disc-shaped set	PPDISC-12

Clinical procedure

1 Before

2

3 After

ENDODONTICS

28 IRRIGATYS

IRRIGATYS

Root canal cleaning and disinfection system

ADVANTAGES

PATENTED CONCEPT

A tip for both irrigation and activation, specific for Irrigatys
2 sizes
- *15 mm, 27G*
- *21 mm, 27G*

The only system that can provide the solution and strongly activate the liquid for a perfect cleaning

Visible and easily replaceable irrigation line

Ambidextrous
Buttons on both sides of the handpiece for an easy handle

Button to provide irrigation

Button to agitate the solution

System can be used in all directions (maxillary and mandibular teeth) without any risk of disabling the pump

Wireless handpiece for both dentist and patient comfort

Easier to use than classical syringes

Indications

Irrigation & cleaning of root canal system in any case of treatement or retreatment

Technical data

Average flow of the solution	between 8 et 10 ml/min
Oscillation angle	30° (+/- 5°)
Oscillation frequency	3100/min (+/- 200)
Between 10 & 15 operating cycles* with a new battery	
*Cycle: 1min for hypochlorite - 1 min for EDTA - 1min for hypochlorite	
Tip gauge	27G
Removable tank of 30ml	

1 tank dedicated for each solution: Sodium Hypochlorite, EDTA and water rising

Removable tank, *easily filled*

«THE FIRST DEVICE WHICH ASSOCIATES IRRIGATION AND ACTIVATION OF THE SOLUTION IN THE ROOT CANAL »
Dr S. Simon

2 bases available:
- Charging base
- Working base

Clinical procedure

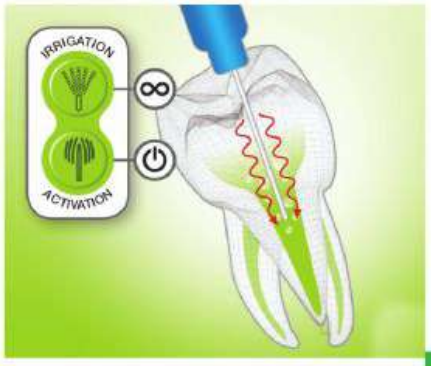
Irrigation during root canal shaping

1 Operation of IRRIGATION and ACTIVATION buttons

IRRIGATION : Initiate irrigation by maintaining pressure on the button to get a continuous jet

ACTIVATION : Start activation by pressing the button once. Stop by pressing again the same button

2 **Irrigation 30 sec**
- Select the BLUE short Irriga-Tip® (15 mm).
- Pre-bend the tip if needed to ease the insertion inside the root canal
- Irrigate during 30 sec between each instrument



3 **Irrigation + Activation**
- Start activation
- Start again irrigation

Final irrigation: true disinfection of root canal

4 **Irrigation + Activation**
- Insert the long YELLOW Irriga-Tip® (21 mm) in the canal
- Start activation then irrigation
- Move the tip back and forth slightly with small width (2/3 mm) inside the canal during 1 min
- Stop irrigation, then activation

5 **Irrigation + Activation**
- Remove the Hypochlorite tank and replace it by the EDTA one
- Repeat the same process, as **1**

6 **Irrigation + Activation**
- Finally, remove the EDTA tank and replace it with the hypochlorite one
- Repeat the same process, as **1**

Reference

Introduction kit:

- 1 IRRIGATYS Handpiece + 100-240 V Power
- Charging base
- Chair mounted base
- 1 black tinted container for Sodium Hypochlorite
- 1 transparent container for EDTA
- 1 blue container for water rinsing
- 10 IRRIGATYS sterile needle tips 5 x 15mm and 5 x 21 mm (diam 0.4 mm - 27G)
- 5 irrigation lines
- 10 hygienic plastic protective covers
- 1 FR / ENG instructions for use KIRGTYS

Refill:

IRRIGA FILL: translucent tank for EDTA	IRFIL-EDTA
IRRIGA FILL: black tinted tank for Hypochlorite	IRFIL-HYPO
IRRIGA FILL: blue tank for water	IRFIL-H2O
IRRIGA SOL: bottle of 50 ml for Hypochlorite + tip (black cap)	IRSL-HY50
IRRIGA SOL: bottle of 50 ml for EDTA + tip (white cap)	IRSL-ED50
IRRIGA SOL: bottle of 50 ml for water + tip (blue cap)	IRSL-O50
IRRIGA TIP: 25 blue tips – 15 mm - Ø 0.4 mm	IRTIP-B15
IRRIGA TIP: 25 yellow tips – 21 mm - Ø 0.4 mm	IRTIP-J21
IRRIGA LINE: 5 irrigation lines	IRLINE-5
IRRIGA PROTECT: delivery box for hygienic plastic protective covers for handpiece (100)	IRTP-D100

POST SYSTEM

GLASS-FIBER POSTS

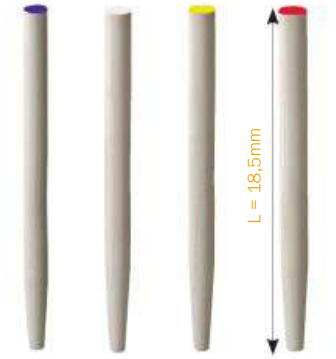
TRANSLUCENT GLASS-FIBER POSTS

- Optimal cosmetic solution for prosthetic restorations
- Single ceramic restorations incorporating glass-fiber posts in the laboratory

ø 1 mm purple | ø 1,2 mm white | ø 1,3 mm yellow | ø 1,4 mm red

IVORY GLASS-FIBER POSTS

- More radiopaque posts

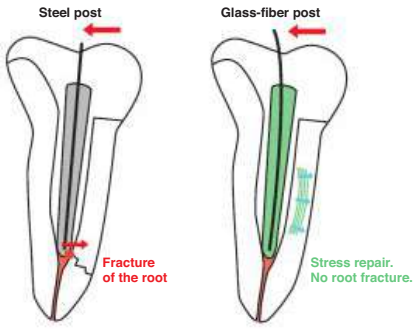


ø 1 mm purple | ø 1,2 mm white | ø 1,3 mm yellow | ø 1,4 mm red

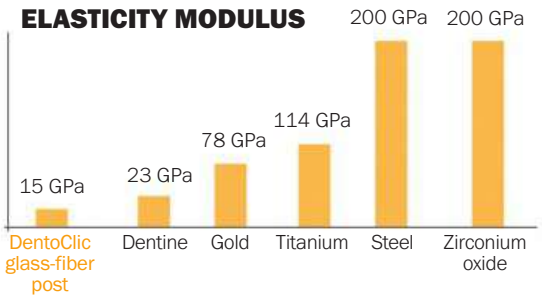
CALIBRATING GAUGE

ADVANTAGES

- Chemical retention between the core build-up and the glass-fiber post
- Perfect aesthetic results
- **Radiopacity:**
  - 5 mm Al for translucent
  - 7 mm Al for ivory
- **Biocompatible:** No toxicities
- No risk of corrosion or tissue discoloration
- Reamers from the Dentoclic range

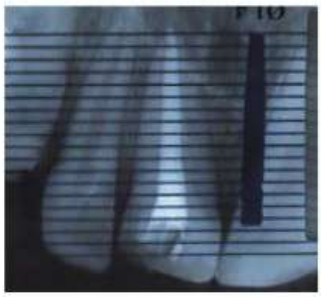


"Teeth restored using glass-fiber posts result in only a small number of failures, which are often repairable.
In contrast, teeth restored using metal posts commonly present with more significant fractures, often resulting in the loss of the tooth."
Standlee, 1988 ; Freeman, 1998



Clinical procedure

See p. 43 for the complete clinical procedure
"Corono-radicular restoration kit"

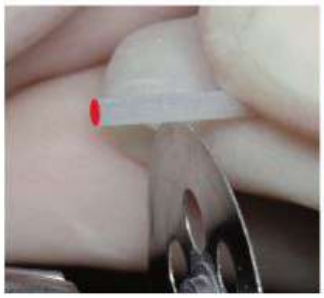


1 Select the glass-fiber post and matching drill using the calibrating gauge on the drill

2 Prepare the canal with a Gates or a Largo drill

3 Prepare the canal with the calibrated cylindro-conical drill

4 Try the glass-fiber post for size



5 Cut the post perpendicularly with a disc or a cutting plier. Store in alcohol until bonding

6 Apply the bonding (Iperbond Ultra or QuickBond) on the glass-fiber post and surfaces according to the instructions for use

7 Coat the post with core build-up (DentoCore/ DentoCore Body) , then inject the core build-up into the canal. Fill a matrix with DentoCore/DentoCore Body

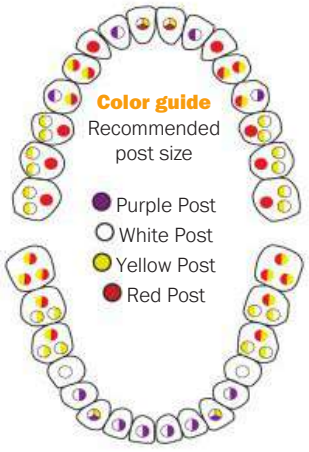
8 Remove the matrix and shape

Indications

- Optimal cosmetic solution for prosthetic restorations
- Single ceramic restorations incorporating glass-fiber posts in the laboratory
- Corono-radicular restorations with glass-fiber post

Technical data

Density	2,680
Axial compression modulus	51 GPa
Axial tensil modulus	52 GPa
Flexural modulus	52 GPa
Flexural strength	1650 MPa
Compression strength	760 MPa
Shear strength	64 MPa



How to remove a glass-fiber post

1. Remove the composite in order to gain access to the relevant post.
2. Make an initial hole at the location of the fiber post.
3. Use either a diamond-tipped, sonic or ultra-sonic insert without water, or a suitable drill, to delaminate the fiber and reveal the canal under the restoration.

In comparison to other systems such as inlay-core, the clinical value of this type of restoration lies within the ease of such removal procedure.

References

Kit of 20 glass-fiber posts

Ivory (6 purple + 6 white + 4 yellow + 4 red) + 1 driver drill, 4 cylindro-conical reamers, 1 manual wrench, 1 gauge	KFV020
Translucent (6 purple + 6 white + 4 yellow + 4 red) + 1 driver drill, 4 cylindro-conical reamers, 1 manual wrench, 1 gauge	KFVT20

5 glass-fiber post refill

Ivory		
ø 1 mm	●	FVOV5-1
ø 1,2 mm	○	FVOA5-1.2
ø 1,3 mm	●	FVOJ5-1.3
ø 1,4 mm	●	FVOR5-1.4
Translucent		
ø 1 mm	●	FVTV5-1
ø 1,2 mm	○	FVTA5-1.2
ø 1,3 mm	●	FVTJ5-1.3
ø 1,4 mm	●	FVTR5-1.4
Cylindro-conical reamer refill (x4)		
ø 1,0 mm	●	DFV4-010
ø 1,2 mm	○	DFA4-012
ø 1,3 mm	●	DFJ4-095
ø 1,4 mm	●	DFR4-115
Driver reamer refill (x4)		
ø 0,75 - 1 groove		FP-075
ø 0,90 - 2 grooves		FP-090
ø 0,95 - 3 grooves		FP-095
ø 1,05 - 4 grooves		FP-105
ø mixed		FPASSORT

STEEL AND BURN-OUT POSTS

DENTOCLIC REPOSITIONING SYSTEM

The original DentoClic head imprints a double-dip shape in the impression material.
It locks the post in place with a click and allows an ulterior repositioning if necessary

CYLINDRO-CONICAL STEEL AND BURN-OUT POSTS

The burn-out post has a slightly smaller diameter than the steel post to compensate for the volumetric variations of materials used in the laboratory

References

20 cylindro-conical steel post refills

lg : 9,6 mm	ø 1,2 mm		DIA20-095
lg : 11,5 mm	ø 1,2 mm	L	DIAL20-114
lg : 9,6 mm	ø 1,3 mm		DIJ20-095
lg : 11,5 mm	ø 1,3 mm	L	DIJL20-114
lg : 11,6 mm	ø 1,4 mm		DIR20-115
lg : 13,5 mm	ø 1,4 mm	L	DIRL20-134
lg : 13,4 mm	ø 1,5 mm		DIB20-135
lg : 15,4 mm	ø 1,6 mm		DIV20-155
lg : 17,4 mm	ø 1,7 mm		DIN20-175

L = long length

40 cylindro-conical burn-out post refills

lg : 9,5 mm	ø 1,15 mm		DCAA40-095
lg : 11,4 mm	ø 1,15 mm	L	DCAAL40-114
lg : 9,5 mm	ø 1,25 mm		DCAJ40-095
lg : 11,4 mm	ø 1,25 mm	L	DCAJL40-114
lg : 11,5 mm	ø 1,35 mm		DCAR40-115
lg : 13,4 mm	ø 1,35 mm	L	DCARL40-134
lg : 13,5 mm	ø 1,45 mm		DCAB40-135
lg : 15,5 mm	ø 1,55 mm		DCAV40-155
lg : 17,5 mm	ø 1,65 mm		DCAN40-175

L = long length

100 cylindro-conical burn-out post refills

lg : 9,5 mm	ø 1,25 mm	DCAJ100095
lg : 11,5 mm	ø 1,35 mm	DCAR100115
lg : 13,5 mm	ø 1,45 mm	DCAB100135
lg : 15,5 mm	ø 1,55 mm	DCAV100155
lg : 17,5 mm	ø 1,65 mm	DCAN100175

Refills

CONICAL STEEL AND BURN-OUT POSTS

References

20 conical steel post refills

lg : 9 mm		CIJ20-09
lg : 11 mm		CIO20-11
lg : 12 mm		CIV20-12
lg : 13 mm		CIR20-13
lg : 14 mm		CIB20-14
lg : 16 mm		CIV20-16

40 conical burn-out post refills

lg : 9 mm		CCAJ40-09
lg : 11 mm		CCAO40-11
lg : 12 mm		CCAV40-12
lg : 13 mm		CCAR40-13
lg : 14 mm		CCAB40-14
lg : 16 mm		CCAV40-16

100 conical burn-out post refills

lg : 9 mm		CCAJ100-09
lg : 11 mm		CCAO100-11
lg : 12 mm		CCAV100-12
lg : 13 mm		CCAR100-13
lg : 14 mm		CCAB100-14
lg : 16 mm		CCAV100-16

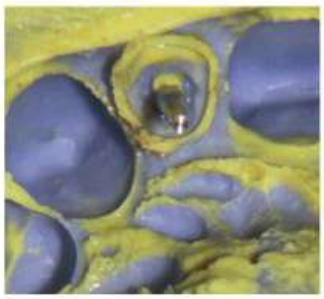
Clinical procedure

1 A patient is displaying a grey rotating lateral incisor

2 After peripherical preparation, the radicular sealing is made with the DentoClic Kit

3 The steel post is used for the impression, as the burn-out post will be sent to the prosthesis maker

4 Trial of the post for size



5 Note: the visibility of the limits around the relevant tooth

6 A ceramic inlay is made on this tooth

7 Final view after cementation

Deep notch for optimum retention

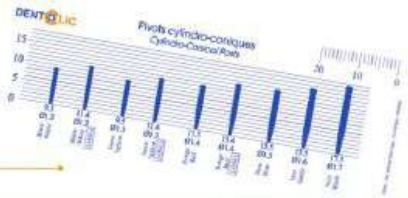
2/3 cylindrical and 1/3 conical for an optimum fit with the physical shape of the root canal

A 'figure of 8' head for a "double clicking" effect ensuring good imprint repositioning

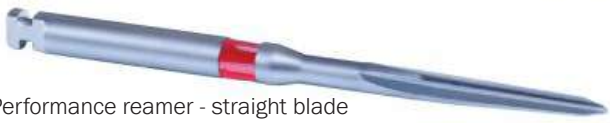
STEEL:
Austenitic stainless steel a remplacer par Stainless steel for medical use

PLASTIC:
Food grade polystyrene used. Intended for quick combustion with no waste

Calibrating gauge: find the right post and then the right drill according to the color coded system



Classical reamer - helicoidal blade



Performance reamer - straight blade

REAMER

- **Classical reamers:** patient and moderate reaming of the canal
- **Performance reamers:** higher cutting capacity thanks to its straight blades, its sharp edges, as well as the working tip of the reamer and its optimized sharpening
  - Stainless steel for surgical use
  - No vibrations
  - Long life

POST KITS

PREMIUM Kit
Cylindro-conical posts KPREMIUM

- 10 steel + 10 burn-out
- 20 steel + 20 burn-out
- 20 long steel + 20 long burn-out
- 20 steel + 20 burn-out
- 15 long steel + 15 long burn-out
- 15 steel + 15 cburn-out

1 driver drill ø 0,95 mm
6 cylindro-conical reamers
1 manual wrench + 1 gauge

EXCELLENCE Kit
Cylindro-conical posts KEXCEL

- 10 steel + 10 burn-out
- 40 steel + 40 burn-out
- 40 steel + 40 burn-out
- 25 steel + 25 burn-out
- 8 steel + 8 burn-out
- 2 steel + 2 burn-out

1 driver drill ø 0,95 mm
6 cylindro-conical reamers
1 manual wrench + 1 gauge

CONICAL Kit Conical posts KC-250

- 40 steel + 40 burn-out
- 40 steel + 40 burn-out
- 25 steel + 25 burn-out
- 10 steel + 10 burn-out
- 8 steel + 8 burn-out
- 2 steel + 2 burn-out

1 driver drill ø 0,90 mm
2 cylindro-conical reamers n°1
+ 2 cylindro-conical reamers n°2
1 manual wrench + 1 gauge

Performance Kit Cylindro-conical posts and Performance reamers KPERF-250

- 10 inox + 10 burn-out
- 40 inox + 40 burn-out
- 40 inox + 40 burn-out
- 25 inox + 25 burn-out
- 8 inox + 8 burn-out
- 2 inox + 2 burn-out

1 driver drill Ø 0.75mm
6 forets Performance
1 manual wrench + 1 gauge

STEEL AND BURN-OUT LOCKS

CYLINDRO-CONICAL LOCKS

Ø (mm)	1,15	1,16	1,25	1,26	1,35	1,36	1,45	1,46	1,55	1,56	1,65	1,66
Length (mm)	22	22	22	22	22	22	22	22	22	22	22	22

CONICAL LOCKS

-	-
23	23

References

10 cylindro-conical steel lock refills			
lg : 22 mm	ø 1,20 mm	○	DCLAIA-10
lg : 22 mm	ø 1,30 mm	○	DCLAIJ-10
lg : 22 mm	ø 1,36 mm	○	DCLAIR-10
lg : 22 mm	ø 1,46 mm	○	DCLAIB-10
lg : 22 mm	ø 1,60 mm	○	DCLAIV-10
lg : 22 mm	ø 1,70 mm	○	DCLAIN-10

20 cylindro-conical burn-out lock refills			
lg : 22 mm	ø 1,15 mm	○	DCLACA-20
lg : 22 mm	ø 1,25 mm	○	DCLACJ-20
lg : 22 mm	ø 1,35 mm	○	DCLACR-20
lg : 22 mm	ø 1,45 mm	○	DCLACB-20
lg : 22 mm	ø 1,55 mm	○	DCLACV-20
lg : 22 mm	ø 1,65 mm	○	DCLACN-20

Conical lock refills	
10 adaptable steel locks, lg 23 mm	CCLAI10
20 adaptable burn-out locks, lg 23 mm	CCLACA20

PROSTHESIS KIT

Cylindro-conical prosthesis kit KDLAB135

- ○ 8 burn-out posts + 8 long burn-out posts + 3 burn-out locks
- ○ 20 burn-out posts + 20 long burn-out posts + 5 burn-out locks
- ○ 20 burn-out posts + 20 long burn-out posts + 5 burn-out locks
- ○ 8 burn-out posts + 3 burn-out locks
- ○ 6 burn-out posts + 2 burn-out locks
- ○ 5 burn-out posts + 2 burn-out locks

Conical prosthesis kit KCLAB130

- ○ 35 burn-out posts
- ○ 35 burn-out posts
- ○ 20 burn-out posts
- ○ 15 burn-out posts
- ○ 10 burn-out posts
- ○ 5 burn-out posts

10 conical burn-out locks

SANDED TITANIUM CYLINDRO-CONICAL POSTS

ADVANTAGES

- **Increased mechanical retention** due to the sand-blasted titanium surface
- Guaranteed **biocompatibility**
- **Increased resistance**
- Color coded by diameter of posts
- White, yellow and red in color, with 2 different lengths per diameter
- DentoClic system cylindro-conical reamers included

Indications

Direct restoration of posterior teeth

Technical data

- **Grade 5 titanium** conforms with the ISO 5832-3 and ASTM F136 standards (biocompatibility standards for surgical implant applications, such as artificial hips, bone screws and spinal implants)
- **Arithmetic roughness** (Ra): 0.7 - 1 microns
- **Total roughness** (Rt): 7 - 10 microns
- **Surface isotropy** (random surface): Sk close to 0 and Ek close to 3

References

TITANIUM kit Sanded Titanium Posts — KTI-75

- 6 posts + 6 long posts
- 15 posts + 10 long posts
- 15 posts + 10 long posts
- 7 posts
- 3 posts
- 3 posts

1 driver drill ø 0,95 mm
6 cylindro conical reamers
1 manual wrench + 1 gauge

20 sanded titanium post refills

lg : 9,6 mm	ø 1,2 mm		TIA20-0
lg : 11,5 mm	ø 1,2 mm	L	TIAL20-00
lg : 9,6 mm	ø 1,3 mm		TIJ20-1
lg : 11,5 mm	ø 1,3 mm	L	TIJL20-01
lg : 11,6 mm	ø 1,4 mm		TIR20-2
lg : 13,5 mm	ø 1,4 mm	L	TIRL20-02
lg : 13,6 mm	ø 1,5 mm		TIB20-3
lg : 15,6 mm	ø 1,6 mm		TIV20-4
lg : 17,6 mm	ø 1,7 mm		TIN20-5

L = long length

DRILLS AND REAMERS

CYLINDRO-CONICAL REAMERS

intended for shaping the canal to the dimensions of the cylindro-conical post

To use for:
- *Steel and burn-out posts*
- *Glass-fiber posts*
- *Titanium posts*

References

Cylindro-conical reamer refill (x4)		
ø 1,0 mm		DFV4-010
ø 1,2 mm		DFA4-012
ø 1,3 mm		DFJ4-095
ø 1,4 mm		DFR4-115
ø 1,5 mm		DFB4-135
ø 1,6 mm		DFV4-155
ø 1,7 mm		DFN4-175

PERFORMANCE REAMERS

higher cutting capacity owing to its straight blades, its sharp edges, its working tip and its high sharpness

To use for:
- *Steel and burn-out posts*
- *Glass-fiber posts*
- *Titanium posts*

Performance reamer refill (x3)		
ø 1,2 mm		FPFA-1.2
ø 1,3 mm		FPFJ-1.3
ø 1,4 mm		FPFR-1.4
ø 1,5 mm		FPFB-1.5
ø 1,6 mm		FPFV-1.6
ø 1,7 mm		FPFN-1.7

CONICAL REAMERS

intended for reaming the canal to the dimensions of a conical post

To use with yellow, orange & red conical posts

To use with green, blue & violet conical posts

Conical reamer refill (x4)		
N°1		CF4-01
N°2		CF4-02
Mix 2 N°1 + 2 N°2		CF4-MIX

DRIVER DRILLS

designed to locate the canal axis in an endodontic treatment

Driver reamer refill (x4)	
ø 0,75 - 1 groove	FP-075
ø 0,90 - 2 grooves	FP-090
ø 0,95 - 3 grooves	FP-095
ø 1,05 - 4 grooves	FP-105
ø mixed	FPASSORT

GATES DRILLS intended for enlarging the root canal opening

Gates drill refill (x6) 28 mm		Gates drill refill (x6) 32 mm	
ø 0,50 - 1 groove	FG1-28	ø 0,50 - 1 groove	FG1-32
ø 0,70 - 2 grooves	FG2-28	ø 0,70 - 2 grooves	FG2-32
ø 0,90 - 3 grooves	FG3-28	ø 0,90 - 3 grooves	FG3-32
ø 1,10 - 4 grooves	FG4-28	ø 1,10 - 4 grooves	FG4-32
ø 1,30 - 5 grooves	FG5-28	ø 1,30 - 5 grooves	FG5-32
ø 1,50 - 6 grooves	FG6-28	ø 1,50 - 6 grooves	FG6-32
ø mixed	FGASSORT-28	ø mixed	FGASSORT-32

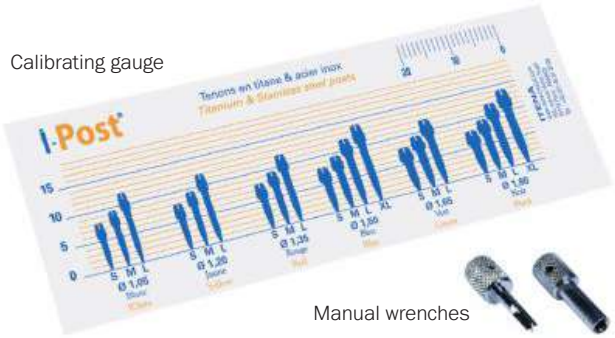
LARGO/PEESO DRILLS intended for enlarging the root canal walls

Largo drill refill (x6)	28 mm	Largo drill refill (x6)	32 mm
ø 0,70 - 1 groove	FL1-28	ø 0,70 - 1 groove	FL1-32
ø 0,90 - 2 grooves	FL2-28	ø 0,90 - 2 grooves	FL2-32
ø 1,10 - 3 grooves	FL3-28	ø 1,10 - 3 grooves	FL3-32
ø 1,30 - 4 grooves	FL4-28	ø 1,30 - 4 grooves	FL4-32
ø 1,50 - 5 grooves	FL5-28	ø 1,50 - 5 grooves	FL5-32
ø 1,70 - 6 grooves	FL6-28	ø 1,70 - 6 grooves	FL6-32
ø mixed	FLASSORT-28	ø mixed	FLASSORT-32

I-POST

New generation of metallic posts in steel or titanium

Calibrating gauge



Manual wrenches

Titanium kit

Steel Kit

COLOR CODED SYSTEM
- *Easy selection of the metallic post and reamer*
- *Easy to store*

HELICOIDAL REAMERS
- *No vibration*
- *Perfect gauging*
- *Efficient removal of dental debris*

VERTICAL GROOVE
to eliminate excess cement

I-POST TITANIUM

Titanium Grade 5 conforms to the standards ISO5832-3 and ASTM F136 (biocompatibility standards for applications of surgical implants such as hip, screws or osteosynthesis spinal implants)

I-POST STAINLESS STEEL

Same stainless steel as used in surgical instrumentation or for food use, offering an ideal resistance against corrosion

The combined use of drill and I-Post is designed for a **passive use** to avoid all stress on the root after treatment

The morphology of the I-Post is designed to **respect** the profile of the tooth root (ogival end)

References

Metallic post kit	Steel	Titanium
Kit of 120 metallic posts with reamers	KSPFIX-126	KSPFT-126
		
Kit of 120 metallic posts without reamers	KSPIX-120	KSPT-120
		
Accessories		
1 Square key	CLE-CARREE	
1 Cross-head key	CLE-CROIX	
20 Stops	BRSP-20	

Screw posts refills		Inox per 12	Titane per 6
Length : 8 mm **S**	ø 1,05	SPIX-8.1A	SPT-8.1A
	ø 1,20	SPIX-8.2J	SPT-8.2J
	ø 1,35	SPIX-8.3R	SPT-8.3R
	ø 1,50	SPIX-8.4B	SPT-8.4B
	ø 1,65	SPIX-8.5V	SPT-8.5V
	ø 1,80	SPIX-8.6N	SPT-8.6N
Length : 9,5 mm **M**	ø 1,05	SPIX-9.1A	SPT-9.1A
	ø 1,20	SPIX-9.2J	SPT-9.2J
	ø 1,35	SPIX-9.3R	SPT-9.3R
	ø 1,50	SPIX-9.4B	SPT-9.4B
	ø 1,65	SPIX-9.5V	SPT-9.5V
	ø 1,80	SPIX-9.6N	SPT-9.6N
Length : 12 mm **L**	ø 1,05	SPIX-12.1A	SPT-12.1A
	ø 1,20	SPIX-12.2J	SPT-12.2J
	ø 1,35	SPIX-12.3R	SPT-12.3R
	ø 1,50	SPIX-12.4B	SPT-12.4B
	ø 1,65	SPIX-12.5V	SPT-12.5V
	ø 1,80	SPIX-12.6N	SPT-12.6N
Length : 14 mm **XL**	ø 1,50	SPIX-14.4B	SPT-14.4B
	ø 1,80	SPIX-14.6N	SPT-14.6N

Length Screw-Posts ITENA	Short	Long
Box of 3 drills ○	FSPC-1A	FSPL-1A
Box of 3 drills ●	FSPC-2J	FSPL-2J
Box of 3 drills ●	FSPC-3R	FSPL-3R
Box of 3 drills ●	FSPC-4B	FSPL-4B
Box of 3 drills ●	FSPC-5V	FSPL-5V
Box of 3 drills ●	FSPC-6N	FSPL-6N
Box of 6 drills assorted ○●●●●●	FSPC-assort	FSPL-assort

Protocol

1 Select the appropriate I-Post and select the same color coded reamer
The i-Post system has been specially designed so that the screw-post is passive in the canal and exerts little pressure.

However, if a tighter fit is desired, a drill with a smaller diameter or a drill from another system can be used.

2 Inject cement into the canal

3 Insert the I-Post into the canal with the cross-head or square key. The rotation movement spreads the cement in the canal, eliminates excess cement and alleviates pressure

4 Finished view of installed posts

CLINICAL EXCELLENCE IN EACH

CORE BUILD UP

DentoCrown
P. 56

Resin based composite for making temporary crowns and bridges

DentoCrown A1 ou A2	Ref
Cartridge 50 ml	DWNAX-A3
+ 6 mixing tips	DWNAX-A2

New Aireo V-Lock System
P. 86

Air / Water disposable tip	Ref
Green	AIRU200-V
Blue	AIRU200-B
White	AIRU200-A

DentoCore Body
P. 47

Composite material for core build-up and post cementation

DentoCore Body	Ref
1 Automix Syringe A3 5ml + 10 mixing tips + 20 intra-oral fine and extra fine tips	DABODY1-10

ProviTemp
P. 72

Temporary cement

ProviTemp Automix	Ref
1 syringe of 5ml + 10 mixing tips	PTEMP1-10

DentoTemp
P. 73

Ideal for implants

Long term temporary cement

DentoTemp Automix	Ref
2 syringes of 5ml + 20 mixing tips	DTCA2-20

Available in IntroKit and Value Pack

Iperbond Ultra
P. 14

Universal Adhesive for use in self-etch mode or etch-and-rinse mode

Iperbond Ultra	Ref
Bottle of 5ml	IPBDUL-5

Ivory: The most radio-opaque

Translucent: Allows light to pass through

Glass Fiber Posts
P. 32

Refills of 5 glass fiber Posts	Ref	Ref
Diameters	Ivoiry	Translucent
ø 1 mm	FVOV5-1	FVTV5-1
ø 1,2 mm	FVOA5-1.2	FVTA5-1.2
ø 1,3 mm	FVOJ5-1.3	FVTJ5-1.3
ø 1,4 mm	FVOR5-1.4	FVTR5-1.4

OPERATING STEP

REPAIR ON A CERAMIC CROWN

Reflectys P. 22
& Reflectys Flow P. 24
Nano-hybrid composite for anterior and posterior restorations

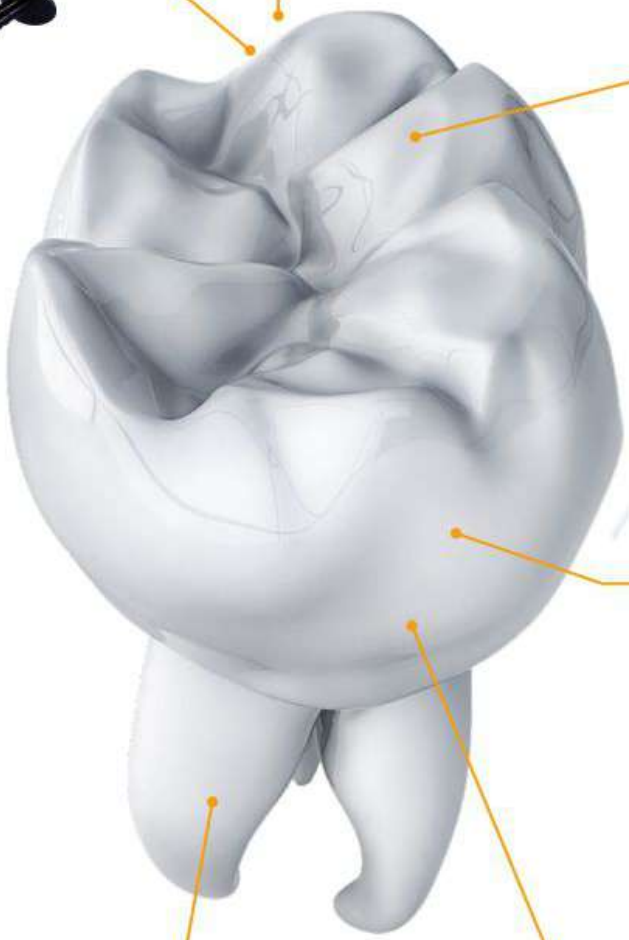
Reflectys

Shade	1 syringe of 4g + 1 spatula	20 x 0.25g capsules + 1 spatula
	Ref	
A1	SRTYS-A1	CPTYS-A1
A2	SRTYS-A2	CPTYS-A2
A3	SRTYS-A3	CPTYS-A3
A3.5	SRTYS-A3,5	CPTYS-A3,5
A4	SRTYS-A4	CPTYS-A4
B1	SRTYS-B1	CPTYS-B1
B2	SRTYS-B2	CPTYS-B2
B3	SRTYS-B3	CPTYS-B3
C2	SRTYS-C2	CPTYS-C2
C3	SRTYS-C3	CPTYS-C3
D3	SRTYS-D3	CPTYS-D3
A2O	SRTYS-A2O	CPTYS-A2O
A3O	SRTYS-A3O	CPTYS-A3O
I	SRTYS-I	CPTYS-I
P	SRTYS-P	CPTYS-P
E	SRTYS-E	CPTYS-E

Reflectys Flow

1 Syringe of 2g + 10 tips ø 0.9mm	Ref
Shade A1	FWTYS-A1
Shade A2	FWTYS-A2
Shade A3	FWTYS-A3
Shade A3.5	FWTYS-A3,5
Shade B2	FWTYS-B2
Shade B3	FWTYS-B3

New Aireo V-Lock System P. 86



Perfect Polish P. 25
One-step diamond polishers

Perfect Polish

Set	Ref
Set of 6 polishers- 2 of each type	PPASSORT-6
Set of 12 polishers- 4 of each type	PPASSORT-12

TotalCem P. 74
Self-Etching and Self-Adhesive Permanent cement

TotalCem translucent or A2

1 syringe of 8g + 10 mixing tips + 20 intra-oral fine and extra fine tips	Ref
	TTLCEM-TR TTLCEM-A2

Total C-Ram P. 75
Self-Etching and Self-Adhesive permanent resin cement specially formulated for ceramics

Total C-Ram Translucent or Opaque

Syringe of 8g + 10 mixing tips + 1 intra-oral fine tips + 10 intra-oral extra-fine tips	Ref
	TTCRAM-TR TTCRAM-OD

C-Ram Booster P. 18
Primer for ceramics

C-Ram Booster

Bottle of 5ml	Ref
	CRAMBST5

RESTORATION

DENTOCORE

Core build-up and post cementation composite material

ADVANTAGES

Dual (self- and light-curing)
- Polymerization guaranteed, even in the areas which are unreachable with the LED curing light-unit
- Ruberry phase for an easy removal of excess

Nanoparticle technology
Enhanced mechanical properties of conventional Bis-GMA composite

Hardness close to that of natural dentine
For an easy preparation, to avoid «burs out of control» situation due to difference of hardness between dentine and restoration material

The most radiopaque in the dental market

Excellent compressive strength, for long-lasting restorations

Low polymerization shrinkage
Improved marginal adaptation

Excellent viscosity balance (not too viscous not too liquid) for a better penetration in cracks

Automix syringe

DENTOCORE *body*

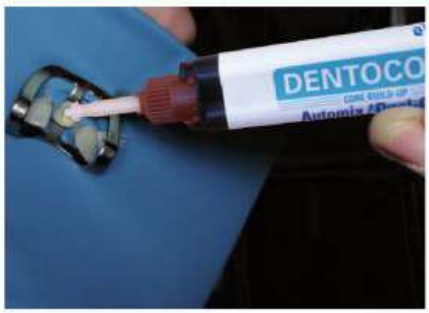
3 different tips for Automix syringes:

Fine | Extrafine | Ultra fine and flexible Colibri

Firm consistency for easier handling without condensation

Clinical procedure

Technical performances tested and approved by material laboratory of Paris V university - Montrouge



1 After the application of the bonding agent (eg. Iperbond Ultra), coat the post with DentoCore/ DentoCore Body and inject the chosen core build up in the canal

2 Place the post inside the canal

3 Fill an Itena matrix with the core build-up

4 Put the Itena matrix in place

5 Light-cure for 5s and clean off the rubbery excess, then light-cure for a further 20 sec

6 Remove the Itena matrix and shape

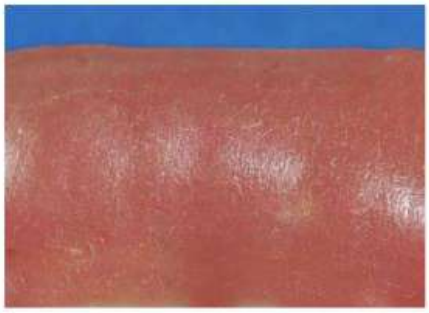
DENTOCORE / DENTOCORE *body*

Hints and tips

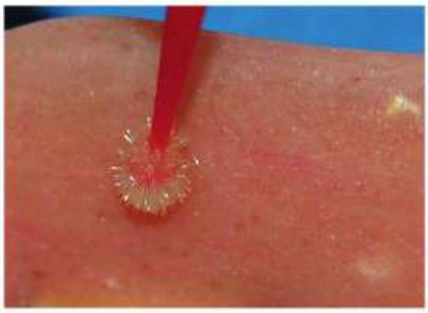
- *While filling a matrix, keep the tip at the bottom of the matrix in order to ensure a good fill. To avoid bubbles when dispensing the composite, take care to keep the tip constantly in contact with the product.*
- *The use of a matrix ensures that the restoration fits the dental core correctly whilst preventing material from leaking out into the interdental spaces.*
- *DentoCore / DentoCore Body can be added after polymerization.*
- *DentoCore / DentoCore Body can be used on a vital tooth or a pulpless tooth.*
- *Due to its superior wear and tear resistance, DentoCore / DentoCore Body can be left in the oral cavity, even without a prosthetic tooth protection.*

Are all bondings compatible with self-curing cements and composites?

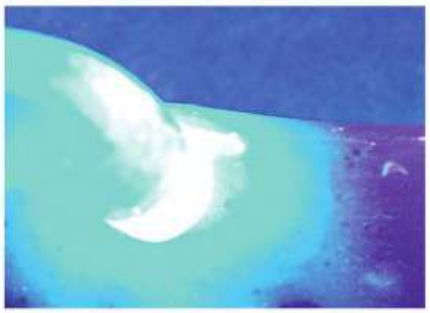
A simple way of checking the compatibility between your bonding and your cement or composite, is to carry out this test:



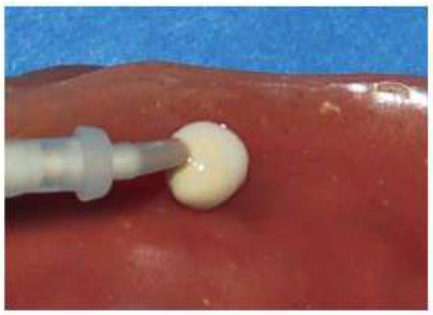
1 The test should be carried out on a piece of acrylic resin



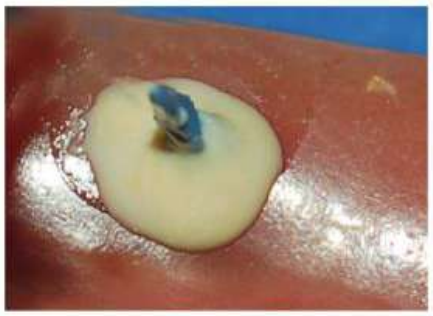
2 Apply the tested bonding agent



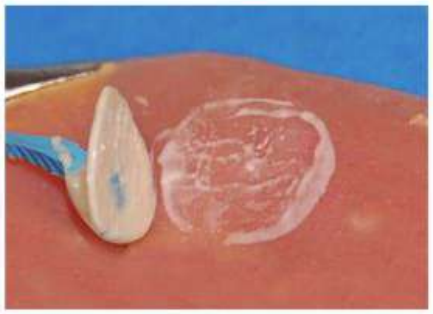
3 Light-cure the bonding agent



4 Dispense the composite or cement



5 Place a pin in the material and let it self-cure



6 Once the material has hardened, pull on the pin. If the material is easily removed, it means that the bonding and the material are incompatible

The perfect compatibility between all Itena products has been tested and confirmed by the bio-material laboratory of Paris V University - Montrouge

Indications

- Core build-up
- Cementation of glass-fiber post

Technical data Body	
Compressive strength	248 MPa
Linear shrinkage	1.2%
Flexural strength	200 MPa
Diametral tensile strength	40 MPa
Water absorption	7 µg/mm3
Depth of cure. Irradiation (LED lamp for 20 sec)	5,2 mm
Depth of cure. Irradiation (Halogen lamp for 40 sec)	9 mm
Exotherm temp (°C)	32°C
Working time	1 min 30
Photo setting time	20 sec
Auto setting time	4 min 30
Radiopacity	400% d'Al

MATRIXES

ADVANTAGES

- Use with composite, glass ionomer cements, pattern acrylic
- Fit the natural anatomy of the tooth
- Available in several sizes
- **Light-curable**
- Conical, for a better result

4 6 7 8 10 12

ø (mm)

Hint and Tips

For easy removal of the matrix once the core has been cured, make a hole in the top of the matrix with a dental scaler. Pass the scaler through the hole underneath the surface of the matrix.
This action will release the air-seal between the matrix and the restoration and will ensure the matrix comes off easily.

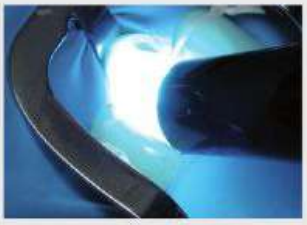
References

10 matrix kit

ø 4 mm MCA10-4
ø 6 mm MCA10-6
ø 7 mm MCA10-7
ø 8 mm MCA10-8
ø 10 mm MCA10-10
ø 12 mm MCA10-12

Matrix kit

36 cones of 6 different diameters MCAC36



References DentoCore

DentoCore Automix

1 x 5 ml syringe A3
+ 10 mixing tips
+ 10 fine intra oral tips
+ 10 extra fine intra oral tips DCSAK1

DentoCore Cartridge

DentoCore White shade

1 x 50 g cartridge
+ 25 mixing tips
+ 25 intra oral tips DCB-50

DentoCore A3 shade

1 x 50 g cartridge
+ 25 mixing tips
+ 25 intra oral tips DCA3-50

References DentoCore Body

DentoCore Body A3 shade

1 x 50 g cartridge
+ 25 mixing tips
+ 25 intra oral tips DCBODY-50

DentoCore Body Automix

1 x 5 ml syringe A3
+ 10 mixing tips
+ 10 fine intra oral tips
+ 10 extra fine intra oral tips DABODY1-10

DentoCore Body Automix - Value Pack

3 x 5 ml syringes A3
+ 30 mixing tips
+ 30 fine intra oral tips
+ 30 extra fine intra oral tips DABODY3-VP

Dispensing Gun for Cartridge ..... DCP

References Tips

Fine mixing tip refill - Automix syringe

25 mixing tips
+ 25 fine intra oral tips DCE-50

Extra fine mixing tip refill - Automix syringe

25 mixing tips
+ 25 extra fine intra oral tips DCEXXF-50

Colibri tip refill - Automix syringe

10 extra fine and flexible tips DCCOL-10

Mixing tip refill - cartridge

25 mixing tips
+ 25 intra oral tips ..... DTA

RESTORATION KIT
CORONO-RADICULAR

Direct or indirect restoration with glass-fiber posts

ADVANTAGES

- **All materials and accessories in one kit** for any glass-fiber post restoration
- **Guaranteed compatibility**
- Clinical procedure approved by the most prominent French universities
- **Assured success** for any corono-radicular restoration

Illustrated clinical procedure

Kit of 36 matrixes of various diameters

DENTOCLIC translucent glass-fiber post kit
20 cylindro-conical posts
6 purple Ø1 mm,
6 white Ø1.2 mm,
4 yellow Ø1.3 mm,
4 red Ø1,4 mm
+ 4 DentoClic matching reamers
+ 1 driver drill
+ 1 manual wrench
+ 1 gauge

IPERBOND ULTRA
adhesive 5ml bottle
+ IPERBOND ULTRA ACTIVATOR
chemo-activator
3ml bottle
+ 50 conical micro-applicators
+ 1 mixing pad

Etching gel DENTOETCH
1.2 ml syringe
+ 6 needle tips

Silane SILANEA
1.2ml syringe
+ 3 needle tips

Core built-up DENTOCORE BODY
5ml syringe
shade A3
+ 10 mixing tips
+ 5 fine intra oral tips
+ 5 extra fine intra oral tips

Reference

Itena Kit ..... MARED-FR

For further information, please refer to:
- Glass-fiber posts, page 32
- Iperbond Ultra, page 14
- DentoCore Body, page 47

Hint and Tips

A cleaning with EDTA followed by a mechanical activation thanks to the Irrigatys (p 28), provide the cleaning of the root.
In cases of large substance loss which may lead to bonding difficulties, consider inlay core or indirect method corono-radicular glass-fiber. Speak to your dental technician

Clinical procedure

Pictures Dr Simon Perelmuter

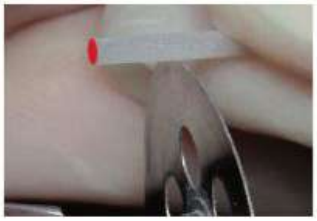
1 Pre-operative view. The case is a pulpess 11 that needs a corono-radicular restoration

2 Select the appropriate glass-fiber post and matching drill

3 Prepare the canal with a Gates or a Largo drill

4 Prepare the canal with the calibrated cylindro-conical drill

5 Try the glass-fiber post for size. The post is cut perpendicularly with a disc or a cutting plier



6 Store the post in alcohol until bonding

7 Etch the canal and the coronary part for 10 sec Rinse 15 sec and dry

8 Apply Silanea onto the glass-fiber post and dry

9 Mix equal drops of Iperbond Ultra and Iperbond Ultra Activator

10 Apply the mixture on the glass-fiber post and dry carefully

11 Spread the mix for 20 sec Dry for 5 sec

12 Apply a second layer, spreading for 5 sec Dry for 5 sec

13 Light-cure the surfaces and the glass-fiber post for 20 sec

14 Coat the post with DentoCore Body, then inject DentoCore Body into the canal

15 Place the post into the canal

16 Then select a matrix. Adapt the height and the edges. Make a hole in the matrix

17 Fill it with DentoCore Body

18 Replace the matrix

19 Light-cure for 5s and clean off the excess. Light-cure for 20 sec

20 The matrix is removed & the shape is made

21 Post-operative view

PROSTHESIS

NUMERYS HC

Hydrid ceramic block for CAD/CAM

ADVANTAGES

High flexural strength
above 200 MPa & fracture toughness

Compatible with all dental CAD/CAM systems

Better edge quality
till 0,25 mm thickness

Easy to mill and easy to polish in a few minutes

Brilliant and long-lasting performance

Excellent wear resistance
(nano ZrO2)

No post-coloring, no firing process

2 sizes:
- L12L (10 x 12 x 15 mm)
- C14 (12 x 14 x 18 mm)
- And 6 shades available

EXCELLENT AESTHETIC RESULTS

Indications

- In lab and chairside solution
- Permanent dental restoration
- Efficient and top quality restoration
- Inlays, Onlays, Crowns, Veneers

Hint & Tips

- *For the cementation of your veneers, use* ***TotalC-Ram (p. 75)***
- *Easy to polish*

Technical data	
Compressive strength (Mpa)	448 (±38)
Diametral tensile strength (Mpa)	
Diameter 10 mm	59 (±4)
Diameter 14 mm	51 (±4)
Flexural strenght (Mpa)	
Three-point bending test	210 (±11)
Biaxial Flexural strength	173 (±6)
Vickers hardness (VHN, kg/mm²)	85 (±5)

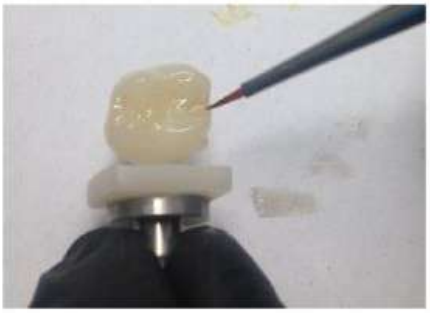
Clinical procedure

1 Numerys HC Block

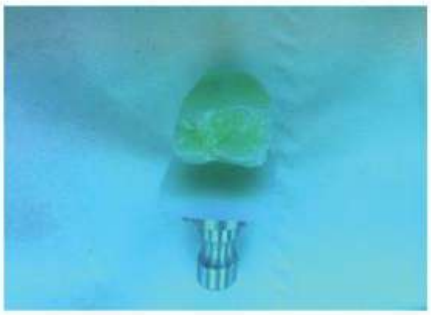
2 Milling

3 Milled prosthesis
Result after polishing

4 Silane



5 Glazing



6 Light curing

7 Final result

References

Bloc NUMERYS HC

Size 12, shade A1	NYS-12A1
Size 12, shade A2	NYS-12A2
Size 12, shade A3	NYS-12A3
Size 12, shade A3,5	NYS-12A3.5
Size 12, shade B3	NYS-12B3
Size 12, shade E	NYS-12E
Size 14L, shade A1	NYS-14A1
Size 14L, shade A2	NYS-14A2
Size 14L, shade A3	NYS-14A3
Size 14L, shade A3,5	NYS-14A3.5
Size 14L, shade B3	NYS-14B3
Size 14L, shade E	NYS-14E

Optional staining

Result without staining

Result with staining

DENTOCROWN

Self-curing resin for temporary crowns & bridges

ADVANTAGES

Excellent compressive and flexural strength
Extremely hard and resistant along with absorbing shocks to prevent fractures
Keeps its shape even under pressure

Can be used on vital teeth

Low polymerization shrinkage
Better marginal adaptation

Low exothermic polymerization reaction
Increased patient comfort

Easy retrieval
Thanks to its elasticity

No sticky appearance when removing

Aesthetic result
High stability of color and fluorescence
Natural shine

Perfect appearance in any light

Standard dispenser gun
No extra costs involved

Automix Syringe

Hint & Tips

It is possible to rebase DentoCrown
2 ways:
- Remove the viscous (inhibiting) layer that forms on the surface of the temporary tooth with alcohol rebase
*- Use **DentoTemp** to fill holes (p.73)*

Useful information:
There are no bonds between DentoCrown composite resins and polycarboxylate temporary crowns. To ensure adhesion, a bonding must be applied between the resin and the temporary crown.

Clinical procedure

Clinical case Dr Simon Perelmuter

1 Pre-operative view. A bridge should be made to replace the 46

2 A "commercial tooth" is inserted to fill the space

3 An impression is taken

4 DentoCrown is injected into the impression and the impression is replaced on the preparation

5 The impression is retrieved from the mouth after 1.5 min, during the pre-polymerization phase of the DentoCrown

6 After 2-3min, retrieval of the bridge from the impression and excess removal

7 Finish and polish for 4min after the initial mixing

8 After polishing, the bridge is tried for size. It is then temporarily cemented in place. (DentoTemp)

Indications

Making of: crowns, bridges, inlays, onlays

References

DentoCrown A3

50 ml (76 g) cartridge + 10 mixing tips
For standard gun 1:1 ..... DWN50-A3

DentoCrown A2

50 ml (76 g) cartridge + 10 mixing tips
For standard gun 1:1 ..... DWN50-A2

Mixing tips for cartridge syringes

10 mixing tips DWNE-10

DentoCrown Automix A3

5 ml (8g) automix syringe + 10 mixing tips DWNAX-A3

DentoCrown Automix A2

5 ml (8g) automix syringe + 10 mixing tips DWNAX-A2

Mixing tips for automix syringes

20 mixing tips DTEM-20

Technical data

High compressive strength: ..... 320 MPa
Flexural strength for 10 min: ..... 40 MPa
Working time ..... 30-50 sec max
Setting time ..... 40-70 sec

TEMPORARY CROWNS

Translucent polycarbonate temporary crowns designed to fit all clinical cases

ADVANTAGES

Comes in universal shades for all clinical cases

Easy to use and **easy to adjust** thanks to its elasticity

Fast insertion and retention

Perfectly tolerated by periodontal tissue

Many shapes

Resistant to the thermal and chemical variations of the oral cavity

References

Kit of temporary crowns

180 translucent polycarbonate temporary crowns	KCP180

Refills of 5 crowns

Upper Right central incisors			
L : 7,5 mm	H : 10 mm	N° 14	RCP14
L : 7,7 mm	H : 10,5 mm	N° 13	RCP13
L : 8 mm	H : 11 mm	N° 12	RCP12
L : 8,5 mm	H : 11,5 mm	N° 11	RCP11
L : 9 mm	H : 12,5 mm	N° 10	RCP10
L : 9,5 mm	H : 13 mm	N° 101	RCP101
L : 10 mm	H : 14 mm	N° 100	RCP100
Upper Left central incisors			
L : 10 mm	H : 14 mm	N° 103	RCP103
L : 9,5 mm	H : 13 mm	N° 102	RCP102
L : 9 mm	H : 12,5 mm	N° 19	RCP19
L : 8,8 mm	H : 11,5 mm	N° 18	RCP18
L : 8 mm	H : 11 mm	N° 17	RCP17
L : 7,7 mm	H : 10,5 mm	N° 16	RCP16
L : 7,5 mm	H : 10 mm	N° 15	RCP15
Upper Right lateral incisors			
L : 5,7 mm	H : 8,5 mm	N° 24	RCP24
L : 6,2 mm	H : 9 mm	N° 23	RCP23
L : 6,5 mm	H : 9,5 mm	N° 22	RCP22
L : 6,8 mm	H : 10 mm	N° 21	RCP21
L: 7mm	H: 10.5 mm	N°20	RCP20
L : 7,3 mm	H : 11 mm	N° 2	RCP2
Upper Left lateral incisors			
L : 7,3 mm	H : 11 mm	N° 200	RCP200
L : 7 mm	H : 10,5 mm	N° 29	RCP29
L : 6,8 mm	H : 10 mm	N° 28	RCP28
L : 6,5 mm	H : 9,5 mm	N° 27	RCP27
L : 6,2 mm	H : 9 mm	N° 26	RCP26
L : 5,7 mm	H : 8,5 mm	N° 25	RCP25
Upper Right canines			
L : 9 mm	H : 13 mm	N° 300	RCP300
L : 8,5 mm	H : 12,5 mm	N° 301	RCP301
L : 8,2 mm	H : 12 mm	N° 30	RCP30
L : 8 mm	H : 11 mm	N° 31	RCP31
L : 7,8 mm	H : 10,5 mm	N° 32	RCP32
L : 7,5 mm	H : 10 mm	N° 33	RCP33
L : 7,2 mm	H : 9,8 mm	N° 34	RCP34
Upper Left canines			
L : 7,2 mm	H : 9,8 mm	N° 35	RCP35
L : 7,5 mm	H : 10 mm	N° 36	RCP36
L : 7,8 mm	H : 10,5 mm	N° 37	RCP37
L : 8 mm	H : 11 mm	N° 38	RCP38
L : 8,2 mm	H : 12 mm	N° 39	RCP39
L : 8,5 mm	H : 12,5 mm	N° 302	RCP302
L : 9 mm	H : 13 mm	N° 303	RCP303
Upper premolars			
L : 7,4 mm	H : 10 mm	N° 40	RCP40
L : 7 mm	H : 9,5 mm	N° 41	RCP41
L : 6,8 mm	H : 9 mm	N° 42	RCP42
L : 6,5 mm	H : 8,5 mm	N° 43	RCP43
L : 6,2 mm	H : 8 mm	N° 44	RCP44
Lower premolars			
L : 7,5 mm	H : 10,2 mm	N° 50	RCP50
L : 7 mm	H : 10 mm	N° 51	RCP51
L : 6,8 mm	H : 9,3 mm	N° 52	RCP52
L : 6,6 mm	H : 9 mm	N° 53	RCP53
L : 6,2 mm	H : 8,5 mm	N° 54	RCP54
Lower incisors (long)			
L : 6,2 mm	H : 12 mm	N° 60	RCP60
L : 5,9 mm	H : 11,5 mm	N° 61	RCP61
L : 5,6 mm	H : 11 mm	N° 62	RCP62
L : 5,3 mm	H : 10,5 mm	N° 63	RCP63
L : 5 mm	H : 10 mm	N° 64	RCP64
Lower incisors (short)			
L : 5 mm	H : 8 mm	N° 65	RCP65
L : 5,1 mm	H : 8,5 mm	N° 66	RCP66
L : 5,3 mm	H : 9,2 mm	N° 67	RCP67
L : 5,6 mm	H : 10 mm	N° 68	RCP68
L : 6 mm	H : 10,5 mm	N° 69	RCP69

PREFORMED CROWNS

ADVANTAGES

- **Flexible**, Easy to use
- High gingival **adaptation**
- Protects the periodontal area
- **Anatomical shape**
- Immediate bite setting
- Can be used with composites, resins and cements

References

Kit 32 Crowns

10 upper incisors + 4 upper lateral incisors + 6 canines + 4 premolars + 4 molars + 4 lower lateral incisors	KMOU32

Refills of 5 Crowns	**Width**	
Right upper central incisors	7,5 mm	RM-ICR75
Right upper central incisors	8,5 mm	RM- ICR85
Right upper central incisors	9,5 mm	RM-ICR95
Right upper central incisors	10,5 mm	RMI-CR105
Left upper central incisors	7,5 mm	RM-ICL75
Left upper central incisors	8,5 mm	RM-ICL85
Left upper central incisors	9,5 mm	RM-ICL95
Left upper central incisors	10,5 mm	RM-ICL105
Right upper lateral incisors		RM-ILR60
Left upper lateral incisors		RM-ILL60
Right lower lateral incisors		RM-ILR130
Left lower lateral incisors		RM-ILL130
Right canines	8,5 mm	RM-CR85
Right canines	9,5 mm	RM-CR95
Left canines	8,5 mm	RM-CL85
Left canines	9,5 mm	RM-CL95
Right premolars	7,5 mm	RM-PR75
Left premolars	7,5 mm	RM-PL75
Right molars	9 mm	RM-MR85
Right molars	10 mm	RM-MR95
Left molars	9 mm	RM-ML85
Left molars	10 mm	RM-ML95

IMPRESSIONS

HYDROSPEED^{HD}

High precision addition-type silicone impression material

UNIQUE FORMULA
NATURALLY HYDROPHILIC

ADVANTAGES

Exceptional elastic properties creating a high resistance for detachment

Manufactured in vacuum condition for a **bubble-free past**

Has the ability to exceed the mechanical constraints (Sulcus)

Increased hydrophilic behavior for high precision impressions

VERY GOOD THIXOTROPY

Indications

- High definition dental impressions
- Bite registration

Clinical cases

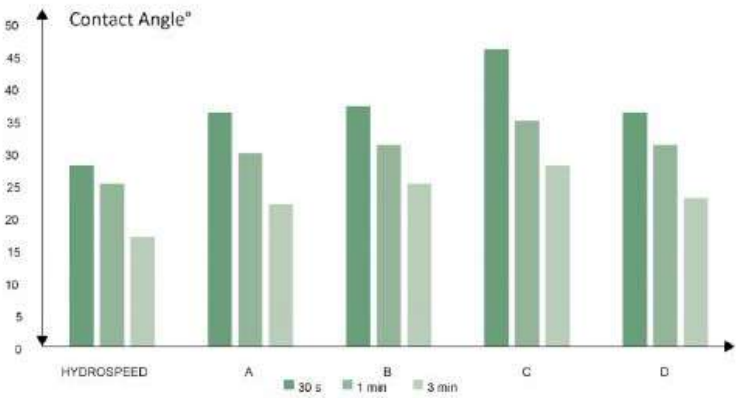


THE ANSWER TO ALL CLINICAL CASES AND ALL IMPRESSION TECHNIQUES

PUTTY \ LIGHT	Regular Body	Regular Body Quick	Light Body	Light Body Quick
Putty Hard	1 or 2 times. Large final hardness.		Particularly recommended to do the technique 2 times. Excellent thixotropy.	
Putty Hard Quick		1 or 2 times. Easy to cut and tear resistance.		2 times. High resistance to the removal.
Putty Hard Magnum	1 or 2 times. Excellent penetration in the sulcus.		1 or 2 times. Excellent penetration in the sulcus.	
Putty Hard Magnum Quick		1 or 2 times. Large final hardness		2 times. High resistance to the removal.
Heavy Body Magnum	2 times. High resistance to the removal.		1 time. Final hardness is more reliable	
Heavy Body Quick Magnum		2 times. Offers great fluidity.		2 times.
Putty Soft	1 or 2 times. Uninsertion facilitated.		2 times. Excellent thixotropy.	
Putty Soft Quick		1 or 2 times. Excellent elasticity.		2 times. Good flowing properties.

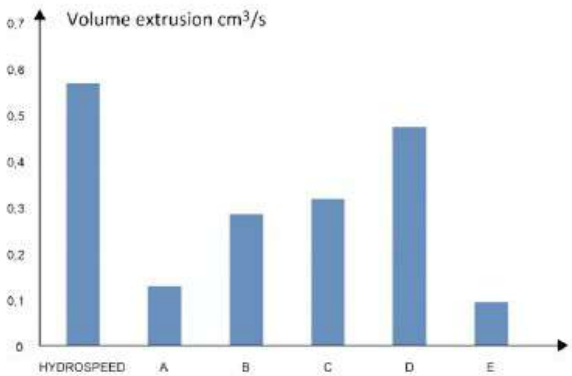
	Viscosity	Hardness	Hardness (Shore)	Working time (min)	Recommanded time in mouth
Putty Hard		Hard	70 A	2 min	2 min 30
Putty Hard Quick		Hard	70 A	1 min 15	1 min 45
Putty Soft		Soft	65 A	2 min	2 min 30
Putty Soft Quick		Soft	65 A	1 min 15	1 min 45
Heavy Body	Heavy		62 A	2 min 30	2 min 30
Heavy Body Quick	Heavy		62 A	1 min 30	1 min 45
Regular Body Light	Light		55 A	2 min 15	2 min 30
Regular Body Quick Light	Light		55 A	1 min 15	1 min 45
Body Light	Light		53 A	2 min 15	2 min 30
Body Light Quick	Light		53 A	1 min 15	1 min 45
Body Extra Light	Extra Light		50 A	2 min 15	2 min 30
Body Extra Light Quick	Extra Light		50 A	1 min 15	1 min 45
Bite registration	Hard		88 A	30 sec.	1 min 10

Wettability performance



More the contact angle is low, more the material is wettable. Its speading property on the surface is more importante. So, Hydrospeed allows a impression more precise.

Volume extrusion



Hydrospeed cartridges are easier to extrud. Improved ease of use.

HYDROSPEED^{HD}

A complete range to suit all of your choices

2 NEW LIGHT VISCOSITIES

Products are easily identified thanks to pictograms

Contrasting colors for better visibility for margins

Setting time is easily identified

Viscosity specified on the products

Cartridges adapt to all mixing machines
(Except for 3M Pentamix Lite)

The picto color corresponds to the color of the base

Product spreads perfectly without force or effort

PRODUCTS ARE EASILY IDENTIFIED THANKS TO THE PICTOGRAMS

Viscosity

Setting time

Working time

HYDROSPEED^{HD}

Bite registration

References

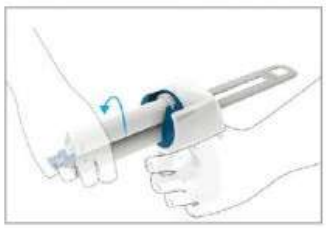
Hydrospeed^{HD}	Réf
HYDROSPEED^{HD} **Putty Hard** : 2 x 300 ml jars + 2 spoons	HYD-PH
HYDROSPEED^{HD} **Putty Hard Quick** : 2 x 300 ml jars + 2 spoons	HYD-PHQ
HYDROSPEED^{HD} **Putty Soft** : 2 x 300 ml jars + 2 spoons	HYD-PS
HYDROSPEED^{HD} **Putty Soft Quick** : 2 x 300 ml jars + 2 spoons	HYD-PSQ
HYDROSPEED^{HD} **Magnum Putty Hard** : 1 x 380 ml cartridge 5:1	HYDM-PH
HYDROSPEED^{HD} **Magnum Putty Hard Quick** : 1 x 380 ml cartridge 5:1	HYDM-PHQ
HYDROSPEED^{HD} **Magnum Body Heavy** : 1 x 380 ml cartridge 5:1	HYDM-BH
HYDROSPEED^{HD} **Magnum Body Heavy Quick** : 1 x 380 ml cartridge 5:1	HYDM-BHQ
HYDROSPEED^{HD} **Regular Body** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tips	HYD-BR
HYDROSPEED^{HD} **Regular Body Quick** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tipss	HYD-BQR
HYDROSPEED^{HD} **Light Body** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tips	HYD-BL
HYDROSPEED^{HD} **Light Body Quick** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tips	HYD-BLQ
HYDROSPEED^{HD} **Extra Light Body** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tips	HYD-BXL
HYDROSPEED^{HD} **Extra Light Body Quick** : 2 x 50 ml cartridges 1:1 + 12 yellow EcoMix mixing tips	HYD-BXLQ
HYDROSPEED^{HD} **Bite Registration** 2 x 50 ml cartridges 1:1 + 6 green EcoMix mixing tips + 6 intra-oral tips	HYD-REG

ACCESSORIES

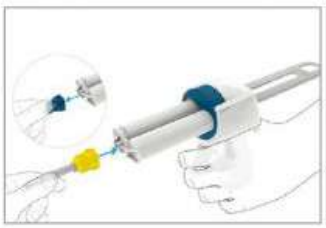
DISPENSING GUN

- *Improved ergonomics*
- *Perfect spreading of the product without effort*
- *Simplified insertion of the cartridges*
- *Adaptable to all 1:1 ratio cartridges*
- *Autoclavable (134 °C / 273 °F)*

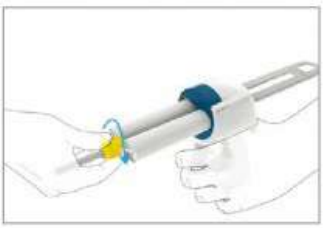
1 Insertion



2 Rotation



3 Tip insertion



4 Tip fixation

TIPS

- *Homogenous mix thanks to the new shape*
- *Compatible with any cartridges*
- *One-third shorter than before for **30 % product saving***

Application Tips

Intra oral tip to attach on the mixing tip

Bite registration tips

Brush tip to attach on to mixing tip

EASY TO USE

References

Accessories

Dispensing gun 50 ml 1:1 / 2:1	HY-GSII
Set of 50 End Caps ECO Yellow Mixers - 4,2 x 12	HY-TY50
Set of 100 Intra Oral Yellow Tips - 4,2	HY-TY100
Set of 50 End Caps ECO Green Mixers- 6,5 x 12	HY-TG50
Set of 100 Transparent intra-oral tips special registration of 6,5	HY-TG100
Set of 50 yellow mixers + tightening ring	HYM-TY50

CHROMASPEED

High precision chromatic alginate

ADVANTAGES

Mint or strawberry flavour to **avoid salivation excess**

High precision

High **dimensional stability**

Only **30 sec**

Indicated for ***orthodontics***

Indicated for ***general dental practitioners***

Spoon and measure cup are included to **guarantee the stability of the mixture**

Indications

- **Chromaspeed HD for general dental practitioners**
- **Chromaspeed ORTHO for orthodontists**

References	
Chromaspeed^{HD}	
CHROMASPEED ORTHO - 500 g bag + measurement kit	CHSP-O
CHROMASPEED HD - 500 g bag + measurement kit	CHSP-HD

Specific color for each work step
Clear and Easy to use

TRAXODENT

Hemostatic gingival retraction paste

ADVANTAGES

- **Exceptional retraction**
  The chemio-mechanical expansion of Traxodent allows tissue displacement
- **Optimised hemostasis**
  Using Traxodent stops any bleeding, through compression
- **Removal without trauma**
  Gently presses on the sulcus
- **Ergonomic syringe**
  Easy to use
- **Disposable and flexible tips**
  Adjustable to inject easily at a comfortable angle
- **Resealable foil pouch**
  Each syringe can be repacked for maximum freshness
- **Paste with a malleable consistency**
  Very easy and quick to apply, rinse off and clean

- Packaged in a resealable aluminum case for optimal storage

Ergonomic syringe
of 0.7g
(about 5 applications)

Extra flexible tips available

Resealable foil pouches
For optimal storage

Retracap
compression caps

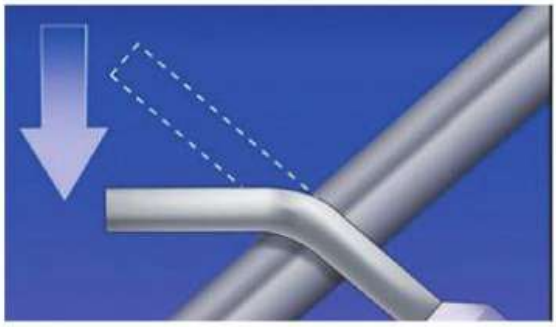
Indications

Use before :
- taking an impression
- the final cementation of a restoration
- a cavity preparation
- when hemostasis or retraction is needed

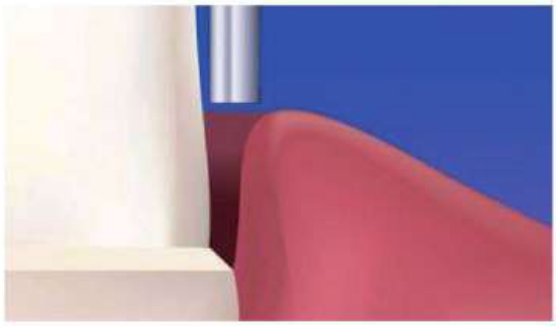
Composition

- 15% aluminium chloride
- Clay patented formulation
- Fumed silica
- Potassium sorbate
- Potassium nitrate
- Yellow pigment FD&C N°5

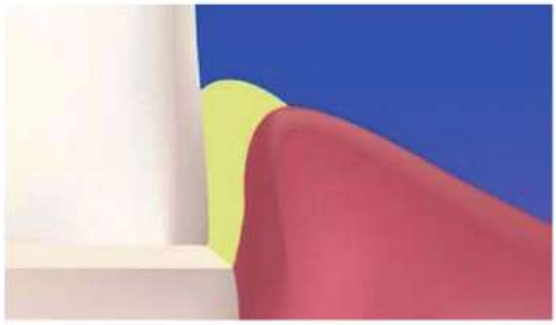
Protocole



1 Bend dispensing tip to the desired angle



2 Apply Traxodent paste slowly into the sulcus while maintaining the dispensing tip just above the sulcus



3 Apply sufficient material to achieve an adequate tissue retraction. Let stand for 2 min

4 Rinse off using air-water syringe and saliva suction

CAN BE USED ALONG WITH OR IN ADDITION TO THE THREAD OF RETRACTION

Hint & Tips

A retraction cap or an instrument can be used to gently push Traxodent and increase the retraction.

A compression cap or similar device can be used for optimal penetration of the Traxodent in the sulcus. After the application of the Traxodent in the sulcus, place the cover on the tooth and have patient bite down. Allow to act for 2 min. and rinse.

A compression cap or similar device can also be used after placement of the paste for maximum deflection of the soft tissue

References

Traxodent Packs

2 x 0.7g syringes + 6 needle tips
+ retraction caps TRASTRT-2
7 x 0.7g syringes+ 15 needle tips
+ retraction caps TRABOI-7
25 x 0.7g syringes + 50 needle tips
+ retraction caps TRAPACK-25

Tip Refills

20 needle tips TRAEMB-20
60 needle tips TRAEMB-60

RETRACAP retraction cap refills

25 retraction caps S size RECAP25-S
25 retraction caps M size RECAP25-M
25 retraction caps L sizeL RECAP25-L

CEMENTATION

PROVITEMP

Temporary cement

ADVANTAGES

- **Easy to use**
- **No eugenol**
  Resin based formula for a better compatibility with definitive cement
- **Resistant to deformation** from mastication
- Perfectly watertight cementation
- **Dentine shade** for a perfect aesthetic result
- No exothermic reactions
- Not soluble in oral fluids
- Contains **fluorides**
- Radiopaque
- **Easy excess retrieval**, no residues
- **Very easy clean-up** of the temporary prosthesis after retrieval

Indications

- Crowns & bridges
- Inlays & onlays
- Temporary trials of permanent restorations
- Splints

References

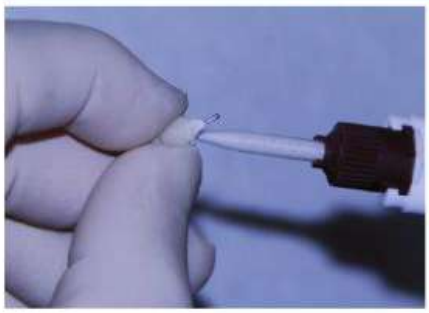
ProviTemp Automix syringe

5 ml syringe + 10 mixing tips PTEMP1-10

ProviTemp mixing tips

20 mixing tips for Automix syringe DTEM-20

Clinical case study



1 Inject ProviTemp into the temporary restoration

2 Set the restoration and hold firmly in place. Initial gel setting occurs between 1.5-2 min after placement

3 Remove the excess.
Final setting: 2.5-3 minutes

DENTOTEMP

Long term temporary cement designed for implants

THE DENTAL ADVISOR ++++½

ADVANTAGES

- **Ideal for implants**
- **No eugenol.** No interference with permanent cements
- **High bonding strength,** but with an **easy removal**
- Leaves **perfectly healthy gingiva** after removal of the temporary crown
- It comes off in one block without any part debris when the temporary crown or prosthesis is removed. Huge gain of time compared with other cements
- **Rebasing and cementation** in one stage
- Can be used on **vital teeth**
- **Thin film** – Very aesthetic result
- Radiopaque

manual syringes

Indications

- For temporary cementation in case of:
  - A small retention area
  - A long-term trial
- Permanent cementation of implant-retained crowns

Hint & Tips

- *DentoTemp can be mixed with a small amount of vaseline to reduce its retention*
- *A Furrer plier is particulary well suited for the removal of temporary elements*
- *DentoTemp binds to the inside of the temporary crown.*
- *Resealing the temporary element is easy with the addition of extra DentoTemp*
- *For a temporary cementation on a composite restored tooth, isolate the core*

References

DentoTemp manual syringes

10 ml syringes (base+catalyst)
+ 10 spatulas + 1 mixing pad DT-2.10

DentoTemp automix syringe

2 x 5 ml syringe + 20 mixing tips DTCA2-20

DentoTemp automix syringe Intro Kit

5 ml syringe + 5 mixing tips DTCA1-5

DentoTemp automix syringe Value Pack

4 x 5 ml syringe + 40 mixing tips DTCA4-VP

DentoTemp mixing tips

20 mixing tips DTEM-20

TOTALCEM

Self-etching and self-adhesive permanent resin cement

ADVANTAGES

- **All in one!**

Etching + Primer + Bonding + Cement

- **Exceptional bonding strength:**

on enamel: 20 MPa

on dentine: 15 MPa

- **Dual curing (Light- or self-curing)**
- **3 types of intra-oral tips:**

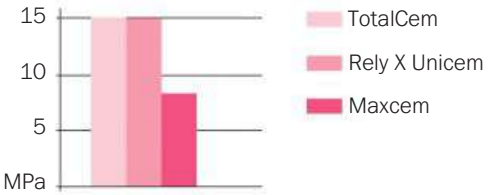
fine, extra-fine and ultra-fine Colibri

- **No post-operative sensitivity**
- Extremely thin film (10 µm)
- **Not soluble in the oral fluids**
- Perfect seal
- **Radiopaque** 250 % of Al
- Fluoride release
- Can be used on vital teeth
- **3 shades available:** Universal A2, Translucent and Opaque White
- Long term shade stability

Thickness of film

Data published by manufacturers

Bonding strength on dentine



Results from an independent university laboratory

Indications

- **For cementation of:** crowns, bridges, posts, inlays & onlays
- **Self-adhesive on:** enamel, dentine, metal, composites

Technical data

Compressive strength:	170 MPa
Flexural strength:	170 MPa
Hardness (by Barcol):	80
Water sorption:	12 µg/mm³
Solubility:	7 µg/mm³
Adhesive bonding to un-etched tooth enamel:	20 MPa
Adhesive bonding to un-etched bovin dentine:	15 MPa
Film thickness:	10 µm
Radiopacity, % Aluminium:	250
fluor release 1-week Cumulative	40 ng/cm²
Working time:	4-5 min
Setting time:	3,5 min
Compatible with Halogen light:	Yes
Compatible with Plasma arc light:	Yes
Compatible with LED:	Yes

References

TotalCem translucent

Syringe of 8 g 10 mixing tips + 10 fine intra-oral tips + 10 extra-fine intra-oral tips ..... TTLCEM-TR

TotalCem A2 universal

Syringe of 8 g 10 mixing tips + 10 fine intra-oral tips + 10 extra-fine intra-oral tips TTLCEM-A2

TotalCem TR - Value Pack

3 Translucent syringes of 8g 30 mixing tips + 30 fine intra-oral tips + 30 extra-fine intra-oral tips TCEM3-VPTR

TotalCem A2 - Value Pack

3 A2 syringes of 8g 30 mixing tips + 30 fine intra-oral tips + 30 extra-fine intra-oral tips TCEM3-VPA2

Tips

25 mixing tips + 25 fine intra-oral tips DCE-50

Extra-Fine Tips

25 mixing tips + 25 extra-fine intra-oral tips DCEXXF-50

Ultra-Fine Colibri Tips

10 flexible and ultra-fine tips DCCOL-10

Protocole TotalCem

Restored cores

1 Fill the bridge with Totalcem

2 Set the bridge and hold it in place for 30 sec

3 Briefly light cure for 3-4 sec. The excess cement is then in a rubbery consistency, very easy to remove

Light cure the bridge for 20 sec
TotalCem is a dual resin, the joint will be hardened by photopolymerization, with auto-polymerization curing the material on the inside of the bridge

4

Post-operative view

PERMANENT CEMENT

TOTAL C-RAM

Dual cured permanent adhesive resin cement specially formulated for zirconium and ceramic

Protocol Total C-Ram

Restored cores

1 Fill the crown with Total C-Ram

2 Set the crown

3 Light-cure for 2 sec

4 The excess cement is then in a rubbery consistency, very easy to remove

5 Light-cure for 20 sec

Post-operative view

References

Total C-Ram translucent

8 g Automix syringe translucent + 10 mixing tips + 10 fine intra-oral tips + 10 extra-fine intra-oral tips ..... TTCRAM-TR

Total C-Ram opaque

8 g Automix syringe translucent + 10 mixing tips + 10 fine intra-oral tips + 10 extra-fine intra-oral tips ..... TTCRAM-OD

DENTOCEM

Permanent resin cement

ADVANTAGES

- **Bonding strength to dentine >23MPa**
- **No initial expansion**
- Superior retention and total margin integrity
- Film Thickness (15 µg/mm3), for a perfect aesthetic result
- **Dual Cure Self- and light-curing**
- Ideal for areas which are unreachable with the LED curing unit
- Cement has a rubbery phase to allow removal of excess material
- **Radiopaque**
- **Automix syringe and extra-fine intra-oral tips**

Indications

- Crowns, bridges, inlays, onlays, posts, ceramic crowns & Maryland bridges
- Ceramics or metallic orthodontic attachments
- Implant prosthesis
- Amalgam restorations

References

DentoCem

2 x 5ml syringes + 10 mixing tips + 10 extra-fine intra-oral tips.....DCA-2.5

Embouts extra-fins

25 mixing tips + 25 extra-fine intra-oral tips DCEXXF-50

Clinical procedure

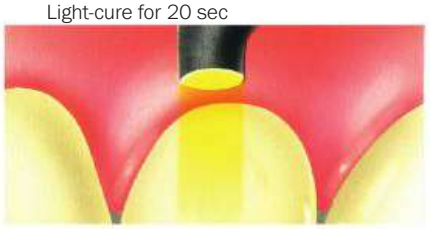
1 (Optional) Etch the tooth for 5-10 ses Rinse and dry

2 Mix equal quantities of Iperbond Ultra and Iperbond Ultra Activator

3 Apply the the mixture 20 sec Dry for 5 sec (if prior etching was carried out, re-apply a second coat for 5 sec), then dry for 5 sec Light-cure for 20 sec

4 Apply a thin layer of DentoCem directly into the restoration

5 Set the restoration in place. Briefly light-cure for 3-4 sec. The excess cement, having taken on a rubbery consistency, can be easily removed with a probe



6 Light-cure the margins for 20 sec from all angles. For self-curing, the setting time is approximately 3.5 min

IONOCEM

Self-curing glass Ionomer cement

ADVANTAGES

- Excellent **resistance** to saliva
- High bonding strength to **dentine, enamel and metals**
- Good compressive strength
- **Fluoride release**

Indications

- Definitive sealing on inlays, onlays, crowns, bridges & orthodontic brackets
- Dental cement base
- Filling of temporary teeth

Reference

IonoCem

16g powder + 10 ml liquid + 1 spoon + 1 mixing pad ..... DCI

OBTURYS

Resin-based permanent root canal sealer

ADVANTAGES

- **Density reformulated** for an excellent consistency
- **Stays in place around the cone**
- Moulds the walls perfectly making an excellent seal
- **Easy to remove any excess**
- **Allows easy revision surgery** because the material is not as dense, but still as resistant
- **Excellent user comfort**

NEW

Available in two packages:
- Automix
- Handmix

Impossible to mix up the components!

Indications

Permanently sealing root canals, to be used with gutta percha points

References

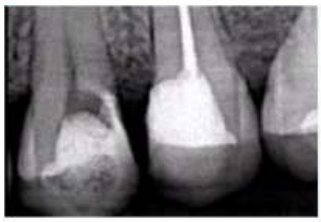
Handmix

Handmix syringe 5 ml + 1 manual adapter + 10 mixing spatulas + 1 mixing block OBHM1-5

Automix

Automix syringe 5 ml + 10 mixing tips + 10 intra oral tips + 1 mixing block OBAX1-5

Protocol

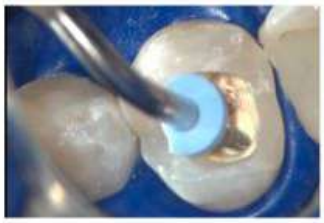


Initial radiography

1 Cover the apical third of the gutta percha point with Obturys.

2 Cover the inside of the root canal with Obturys using the gutta percha. Make vertical back and forth movements.

3 Using the probe, cut the excessive gutta percha outside the canal.



4 Hot vertical condensation of the gutta percha

5 Obturation of the apical third

6 Obturation of the two thirds coronal section with the hot gutta by injection.

7 Final radiography. Thorough inspection.

WHITENING

PURE OFFICE

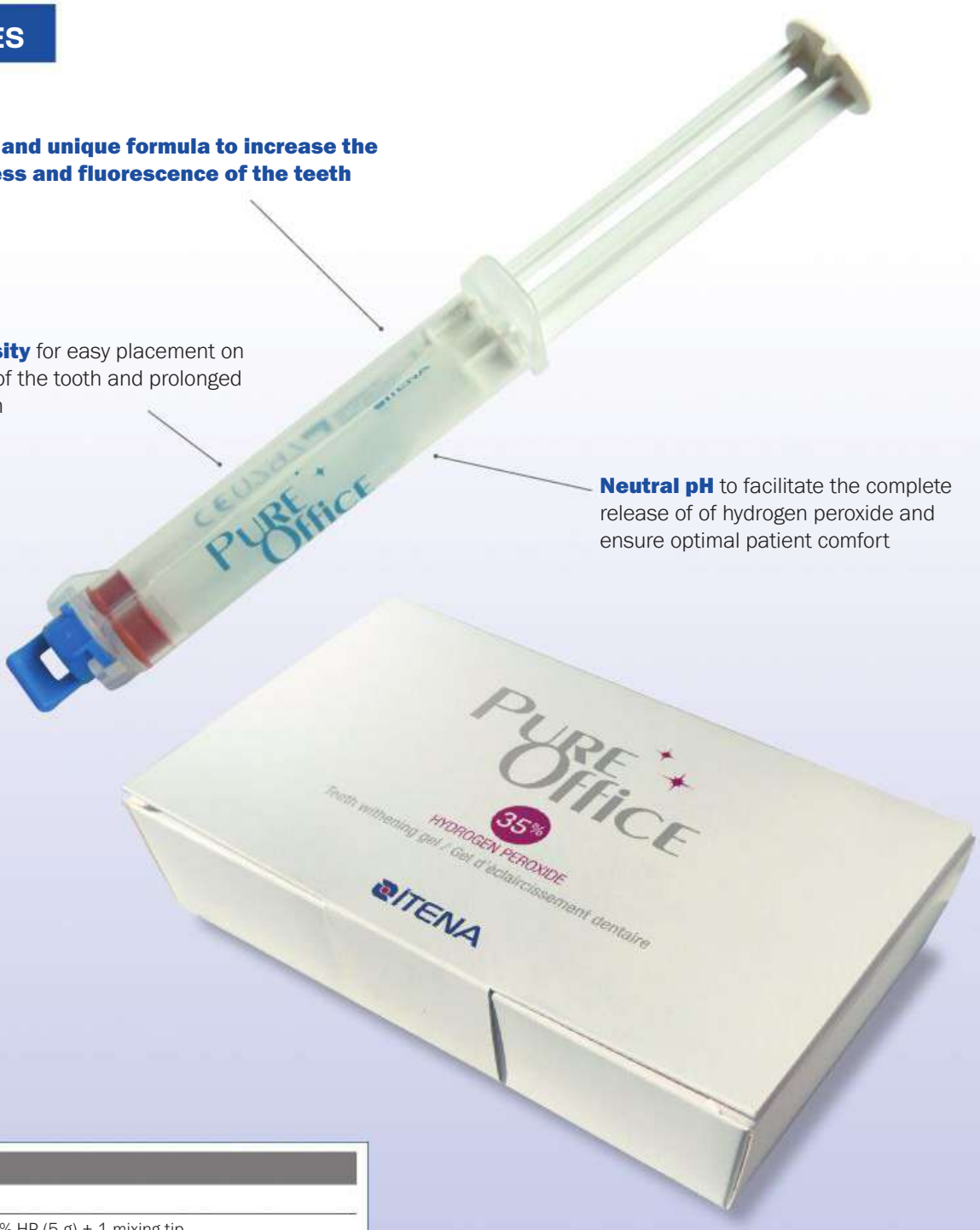
Professional intracanal dental whitening

ADVANTAGES

Original and unique formula to increase the brightness and fluorescence of the teeth

High viscosity for easy placement on the surface of the tooth and prolonged impregnation

Neutral pH to facilitate the complete release of of hydrogen peroxide and ensure optimal patient comfort



References

Pure Office Kit

1 whitening syringe 35% HP (5 g) + 1 mixing tip
2 gingival barrier syringes (1.5 g)
+ 2 bent tips..... PRO-H35

ADVICE FOR YOUR PATIENTS

To keep your teeth white after treatment...

- Brush your teeth and use dental floss.
- Have your teeth regularly cleaned by your dentist.
- Avoid tobacco, coffee and tea which can stain your teeth.
- Drink a glass of water after consuming products that can stain your teeth.
- Re-apply Pure Office every 3 to 5 years.

PURE BOOST

Thermal Diffuser

ADVANTAGES

- The Pure Boost system **speeds up the activation of the whitening gel** by progressively increasing the surface temperature (38°C in approximately 90 sec)
- Optimises the oxidation capacity of the Pure Office whitening gel to **improve results by 30%**
- Technique based on 20 years of fundamental research demonstrating the **efficiency of heat on the potentialisation** of the whitening gel (and the inefficiency and/or danger of light)
- A rise in temperature of 10°C increases the decomposition of H2O2 by a factor of 2.2 (International Association of Dental Research – IADR)
- **Portable device to be used in your consultation room.** The patient has freedom of movement and can relax in the waiting room.
- **Compact – light – quiet**
- **Comfortable for the patient and practitioner**
- **Easy set up**

Contains:

- 1 Pure Boost thermal diffuser
- 1 Pure Boost power pack
- 4 batteries
- 1 cheek retractor- size M
- 15 min cycle
- Weight of thermal diffuser 43 g
- Weight of power pack 147 g

Indications

- Tooth whitening properties of a novel bleaching system using thermal diffusion - Dr Wyman Chan et Dr Martin Grootveld – University of Bolton (UK)

References	
Pure Boost thermal diffuser	PBOOST
Retractor size M refill	PSN-ECMD

PURE DAY
PURE NIGHT

Take home whitening kits

6% hydrogen peroxide formula
2H/day x 7 days
18% carbamide peroxide formula
7H/night x 7 nights

Contraindications

- Patients under the age of 18
- Pregnant and breastfeeding women
- Diabetics
- Patients currently being treated with contraindicated medications

References

Kits:

Pure Day Kit

4 whitening syringes 6 % HP (2.4 g)
+ 4 applicator tips + 1 tray box
+ 1 bag of 2 thermoforming laminates PRD-H6

Pure Night Kit

4 whitening syringes 18 % CP (2.4 g)
+ 4 applicator tips + 1 tray box
+ 1 bag of 2 thermoforming laminates PRN-C18

Tray box

Outpatient protocol

1 Remove the syringe from the fridge and wait for it to reach room temperature. Carefully brush teeth with toothpaste

2 Remove the cap from the end of the syringe

3 Place one drop of gel into each tooth space of the tray. 1/4 of the syringe should be used per tray. Place the cap back on the syringe and return it to the fridge

4 Align the tray on the teeth

5 Spread the gel over the tooth surfaces by rubbing the tray with your finger

6 Remove excess gel from the gums with a wet cotton swab

7 **6 % hydrogen peroxide formula:** Recommended to wear for 2 hours a day
18 % carbamide peroxide formula: Recommended to wear for 7 hours per night

8 Do not eat, drink beverages that can stain or smoke during this time

9 Remove the tray

10 Carefully brush teeth with toothpaste

11 Clean the tray with fresh water and a toothbrush

12 Store the tray in its case

References

Refills

Pure Day ☼

4 whitening syringes 6 % HP (2.4 g)
+ 4 applicator tips PDH6-RF

Pure Night ☾

4 whitening syringes 18 % CP (2.4 g)
+ 4 applicator tips PNC18-RF

Pure Protect

4 gingival barrier syringes (1.5 g)
+ 4 curved tips ..... PRP-BG

Pure Care

4 desensitising syringes (2.3 g)
+ 4 applicator tips ..... PRC-DSB

Pure Bleaching tray

10 thermoforming sheets PRB-10P

SINGLE USE

AIREO V-LOCK SYSTEM

Disposable tips for air/water syringe

ADVANTAGES

Two separate pipes for air and water

The most flexible tip on the market. Material used is specifically designed to provide extreme flexibility

No memory shape. Keeps the desired angle

Grooves enhance the tip flexibility
Allows access to hard-to-reach areas **without compromising the quality of the spray**

Reduces the risk of microbial migration

Made in France
Recyclable plastic

Single use

Dry air garanteed

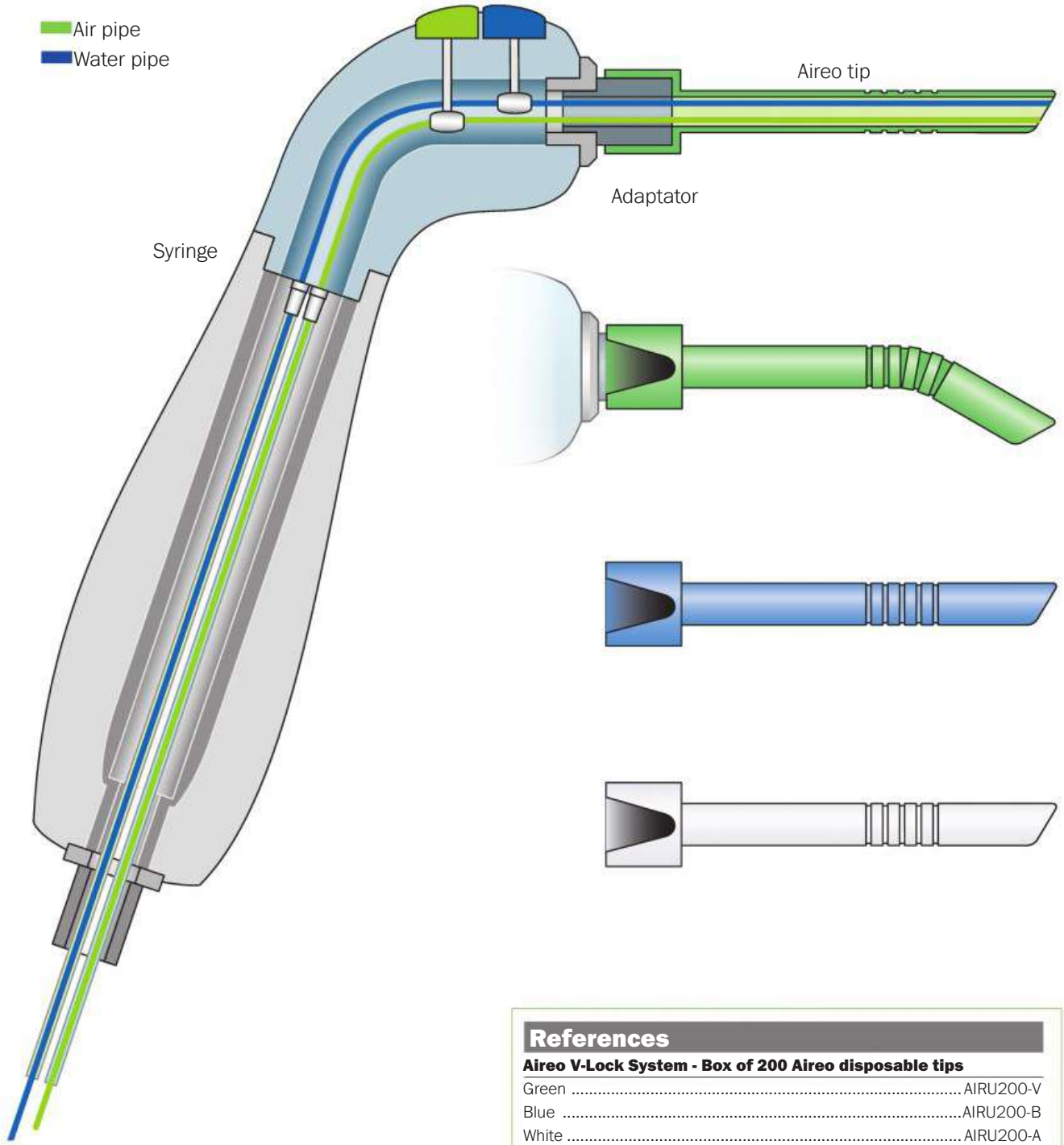
Reduces the risk of direct or cross contamination

«V» shaped notch
for easy insertion

Indications

- The «V» shaped notch ensures universal compatibility
- Tip sits tightly in the adapter, avoiding the formation of air bubbles and pressure loss at the end of the tip
- To Install: Simply push the tip onto the end of the adapter
- To Change: Simple pull the tip off

DRAWING OF THE SYSTEM



References

Aireo V-Lock System - Box of 200 Aireo disposable tips

Green	AIRU200-V
Blue	AIRU200-B
White	AIRU200-A

LUXITE

Led curing unit

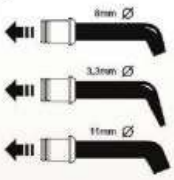
2 YEAR
GUARANTEE
BATTERY 1 YEAR
GUARANTEE

ADVANTAGES

Large wavelength range: from 420-490 nm
Curing of dental composites, orthodontic composites and every adhesive

Maximum power
1600mW/cm²

3 optic fiber tips included



Anti-glare shield

LCD color display
Graphic mode or Text mode

6 curing program modes and time settings
Returns to the last program mode used

Sleep mode
after 4 min of inactivity

Available curing times:
5 sec, 10 sec, 20 sec or 30 sec according to the mode selected

Long battery running life

Interchangeable battery pack
A spare battery can charged separately

References

Luxite unit ..... LUXITE

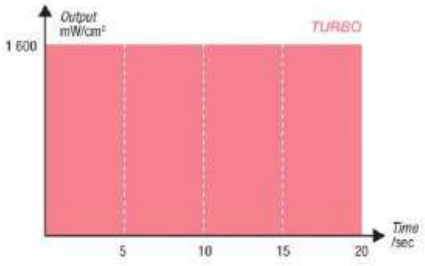
Light probes

3.3 mm Thin ..... LUX-FOFI
11 mm Large ..... LUX-FOLA
8 mm Turbo ..... LUX-FOTU
Luxite battery ..... LUX-BAT

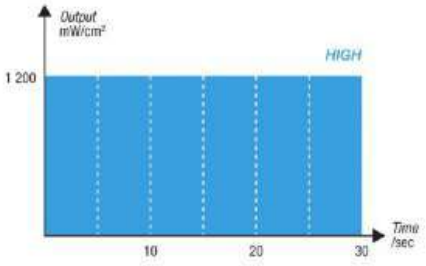
Technical data

Maximal power 1600 mW/cm2
Wavelength range ..... 420-490 nm
Battery ..... Ion lithium 3.7V
Unit dimensions ..... L : 97 - l : 216 - h : 37 (mm)
Charger dimensions ..... L : 178 - l : 175 - h : 137 (mm)
Unit weight ..... 175 g
Battery running life
Turbo Mode 5 sec ..... approx. 250 uses
Turbo Mode 10 sec ..... approx. 120 uses
Turbo Mode 20 sec ..... approx. 50 uses
High Mode ..... approx. 3500 sec
Soft Start Mode ..... approx. 80 uses
Pulse Mod ..... approx. 2000 sec

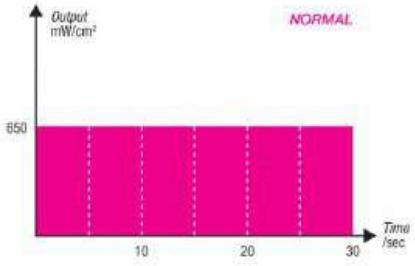
6 CURING MODES



- ***Turbo mode:*** *strong intensity. For sealant, bracket bonding, etc.*

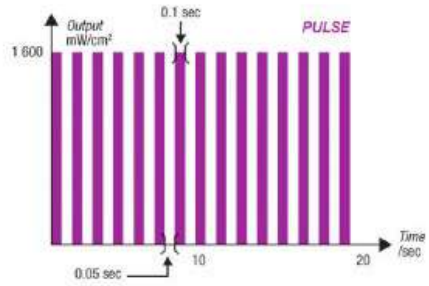


- ***High Mode:*** *middle intensity of Turbo and Normal mode*

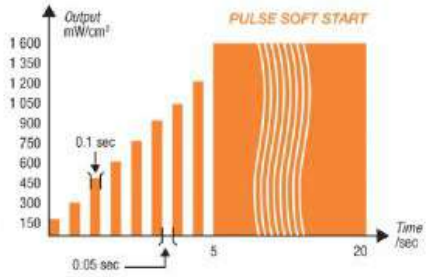


- ***Normal Mode:*** *intensity similarto that of a halogen lamp. Recommended for treatments in the pulpal area.*

- ***Soft Start Mode:*** *for use to combat contraction or shrinkage of resin*



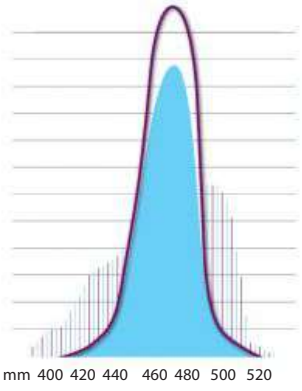
- ***Pulse Mode:*** *same indication as Soft Start mode, but with pulse flashing*



- ***Pulse Soft Start Mode:*** *the softest mode*

An efficient and effective polymerization

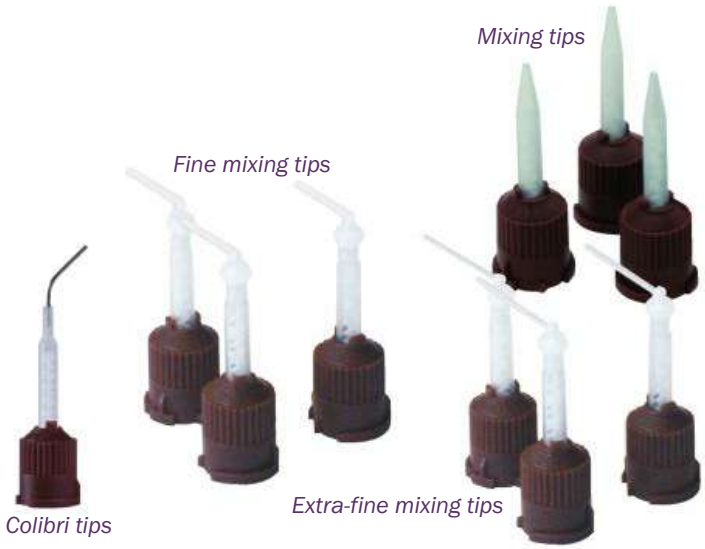
The light spectrum emitted by Luxite corresponds to the maximum absorbance of camphorquinone (470 nm) allowing an efficient curing of most photopolymerizable materials, including orthodontic ones.



ACCESSORIES

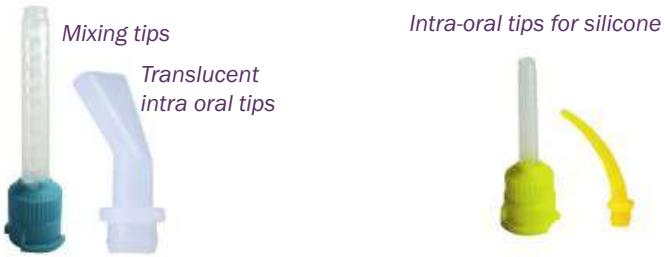
TIPS

References	
For Automix syringes	
Mixing tips	
Refill of 20 mixing tips	DTEM-20
Fine tips	
Length: 100mm, Ø 1.1mm	
Refill of 25 mixing tips	
+ 25 fine intra-oral tips	DCE-50
Extra fine tips	
Length: 135mm Ø 0.09mm	
Refill of 25 mixing tips	
+ 25 extra-fine intra-oral tips	DCEXXF-50
Colibri tips	
Ø 0.09mm	
Refill of 10 mixing tips	
Colibri intra-oral tips	DCCOL-10



For double cartridges	
Mixing tips	
Refill of 10 mixing tips for cartridges	DWNE-10
Fine intra-oral mixing tips	
Refill of 25 mixing tips + 25 intra-oral tips	DTA

Tips for silicone cartridges - Ecomix	
50 yellow economic mixing tips	HY-TY50
50 green economic mixing tips	HY-TG50
100 yellow intra-oral tips	HY-TY100
100 translucent intra oral tips	HY-TG100
50 yellow economic mixing tips for 5:1 cartridges & fixation ring	HYM-TY50



Needle tips	
25G extra-fine needle tips (Prevent Seal)	
Ø 0,05 mm	
Refill of 20 25G needle tips	PVSE-25G
22G extra-fine needle tips (Dento Etch or Silanea)	
Ø 0,07 mm	
Refill of 20 22G needle tips	DEA-20
16G extra-fine needle tips (Traxodent)	
Ø 1.3 mm flexible	
Refill of 20 16G needle tips	TRAEMB-20
16G extra-fine needle tips (Traxodent)	
Ø 1.3 mm flexible	
Refill of 60 16G needle tips	TRAEMB-60

DISPENSING GUN

References	
DentoCore dispensing gun	
Type 1:1	DCP
dispensing gun for cartridges	
Type 1:1	HY-GSII

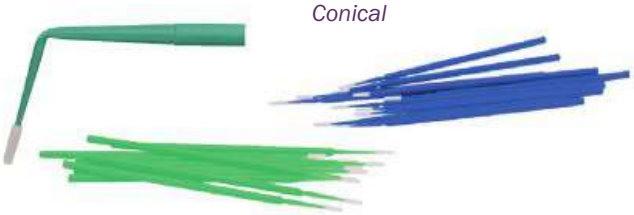
Dispensing gun for cartridges

DentoCore dispensing gun

MICRO-APPLICATORS

References	
Conical	
50 blue micro-applicators	ACB-50
50 reen micro-applicators	ACV-50
Spherical	
50 red spherical micro-applicators	ASR-50

Conical



Spherical micro-applicators

CONICAL BRUSHES

Reference	
15 pointed brushes	PVBRO-15

COMPRESSION CAPS

References	
Compression caps size S	RECAP25-S
Compression caps size M	RECAP25-M
compression caps size L	RECAP25-L

CHEEK RETRACTORS

Reference	
3 cheek retractors - size M	PSN-ECMD

BITE STICKS

Reference	
Bite Sticks	EC

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