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

Automix Dua

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 longlasting 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

3 different tips for Automix syringes:





Fine

Extrafine Ultra fine and flexible Colibri



Firm consistency for easier handling without condensation

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<u>Clinical procedure</u>



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



Put the Itena matrix in place

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



2 Place the post inside the canal





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





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:



Dispense the composite or cement

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

 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	
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	
Radiopacity	400% d'Al