

FUSION CORE DC FLO

Flowable, Dual Curing, Nano-tech Core Build-Up Composite



Product Description : Fusion Core DC Flo is dual-curing, radiopaque, flowable core build-up composite supplied in an automix delivery system.

Composition :

Base Paste : Bisphenol A Glycidyle Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agents and Stabilizers.

Catalyst Paste : Bisphenol A Glycidyle Methacrylate, Ethoxylated Bisphenol A Dimethacrylate, Ethoxlated, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agents, Stabilizers and Pigments.

Intended purpose/Intended use : It is used for core-build up and cementation of posts or pins.

Indications for use : It is used for core build-up of vital or non-vital teeth and luting of roots posts.

Instructions for use :

a. Cementation of Posts

1. The post space must be prepared in accordance with the requirements of the respective root post.
2. Bond the tooth using a Dual cure bonding agent (Fusion Bond Dc), self etch (5th generation bonding agent) or a etch and rinse (7th generation bonding agent) bonding agent. Use a paper tip to remove any excess bonding agent from the canal prior to the application of light (to prevent Canal blockage)
3. Apply Fusion core Dc Flo to the prepared root canal space . When doing so keep the end of the tip constantly immersed in the material. Coat the post with Fusion core Dc Flo and lute it into the root canal space.
4. Using a suitable lamp, apply light to the material for 20 seconds or Leave the material to harden for approx. 5:00 minutes. (Chemical Cure)

b. For Core build-up

1. Remove existing fillings and caries from the tooth selected for corebuild up
2. Isolate the tooth using a rubberdam.
3. Bond the tooth using a self etch (5th generation bonding agent) or a etch and rinse (7th generation bonding agent) bonding agent
4. Place a matrix around the prepared tooth and apply Fusion core Dc Flo directly into the cavity. Allow Fusion core Dc Flo to bond intraorally for approx. 5 minutes or expose to a suitable light curing unit for 20- 40 seconds based on the thickness of the composite layer
5. If used, remove a matrix only once the material has hardened fully.
6. Preparation should be modified as desired restoration form using standard preparation instruments The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Warnings :

1. Contamination by saliva, blood or water should be avoided during these procedures. When using dental adhesives, contamination will compromise dentin bonding and may result in decreased longevity of the restoration.
2. A rubber dam is recommended for all indications where contamination may be possible.

Precautions :

1. Use of zinc oxide, eugenol containing materials must be avoided.
 2. If refrigerated, allow Fusion Core DC Flo, to reach room temperature before use.
- Contraindications :** Fusion Core DC Flo contains methacrylates, amines, peroxides and BHT. It should not be used in case of known hypersensitivity/allergies to any of these ingredients.

Storage Conditions : Store at temperature between 10°C (50°F) and 24°C (75°F). Close the cap carefully after use. Keep away from moisture. Shelf life not affected after opening if stored in a cool dry place.

Shelf Life : 2 years from the date of manufacturing.

Presentation :

Ref. 20011

Intro Pack : 1 x 9g Automix Syringe, 10 x Intra-oral Tips, 10 x Endo Tips.

Ref. 20011-1

Combo Kit : 1 x 9g Core Build Up Automix Syringe, 1 x 9g Ultra D/C Automix Syringe, 1 x 3ml Bonding Agent, 1 x 3ml Activator, 10 x Intra Oral Tips, 10 x Endo Tips, 10 x Automix Tips, 10 x Micro Brushes.

Disposal conditions :

To be disposed off based on the prevailing rules of the country in which it is used.

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Revision :	08
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UDI Symbol for "UNIQUE DEVICE IDENTIFIER"

LOT Symbol for "BATCH CODE"
 USE-BY DATE Symbol for "USE-BY DATE"
 NON STERILE Symbol for "NON STERILE"
 KEEP DRY Symbol for "KEEP DRY"
 CAUTION Symbol for "CAUTION"
 CONSULT INSTRUCTION FOR USE Symbol for "CONSULT INSTRUCTION FOR USE"
 CATALOGUE NUMBER Symbol for "CATALOGUE NUMBER"
 AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"
 DO NOT USE IF PACKAGE IS DAMAGE Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"
 KEEP OUT OF THE REACH OF CHILDREN Symbol for "KEEP OUT OF THE REACH OF CHILDREN"
 MANUFACTURER Symbol for "MANUFACTURER"
 TEMPERATURE LIMIT Symbol for "TEMPERATURE LIMIT"
 KEEP AWAY FROM SUNLIGHT Symbol for "KEEP AWAY FROM SUNLIGHT"
 MEDICAL DEVICE Symbol for "MEDICAL DEVICE"

The material has been developed solely for professional dental use. Application should be carried out strictly according to the instruction for use. Liability cannot be accepted for damages resulting from failure to observe the instructions of the stipulated area of applications. The user is responsible for testing the material for its suitability and use for any purpose not explicitly stated in this instruction sheet. Description and data constitute no warranty of attributes and are not binding. For feedback, complaints & reporting of unexpected events contact customer care.