

FUSION ULTRA D/C

DUAL CURING RESIN BASED LUTING CEMENT



Product Description : Fusion Ultra D/C is a light and chemically cured low viscosity radiopaque, two component polymer resin based composite adhesive for luting of composite and ceramic restoration.

Composition :

Base Paste : Bisphenol A Glycidyl Methacrylate, Ethoxlated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agents and Stabilizer.

Catalyst Paste : Bisphenol A Glycidyl Methacrylate, Ethoxlated Bisphenol A Dimethacrylate, Triethylene Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agent and Stabilizer, Pigment.

Intended Purpose/Intended Use : It is intended to be used for permanent cementation of indirect restorations.

Indications for Use:

- ◆ Permanent cementation of crown and bridge.
- ◆ Permanent cementation of endodontic posts made of metal, reinforced composite.
- ◆ Permanent cementation of implant retained crowns.
- ◆ Permanent cementation of inlays/onlays veneers.

Instructions for Use : Dispense the material from syringe through automix tip. The initial set will occur in 2:00 2:30 (min:sec) with a final set at 3-4 minutes. The cement may also be cured with a dental curing light with a 40 second exposure.

1. Metal to Enamel/Dentin : Metal restorations to tooth structure-crowns, inlays, bridges, and posts including Maryland and bridges) After try-in, sandblast each side of the restoration. Using a metal primer of your choice, treat the metal exposed to the paste. Clean tooth with non-fluoridated prophyl paste or pumice. To prepare tooth for bonding, use a universal dentin / enamel bonding system. Mix equal Amounts of catalyst and base pastes and use a plastic instrument or injection system to place in restoration. Avoid trapping air bubbles. Seat Restoration on tooth and hold in place until paste reaches initial set (about 2:00- 2:30 minutes). Use a scaler or explorer to remove excess cement immediately upon initial set. It is not important to wait until the final set to remove excess cement.

2. Metal to Metal : Implant prosthesis or crown on post. Sandblast all external metal surfaces to be exposed to paste. Rough intra-oral metal with a micro-etcher or bur. Using a metal primer of your choice, treat the metal exposed to the paste. Clean posts or Abutments with non-fluoridated prophyl paste or pumice. Mix equal amounts of catalyst and base pastes and use a plastic instrument or injection system to place in restoration. Avoid trapping air bubbles. Seat restoration on tooth and hold in place until paste reaches initial set (about 2:00-2:30 minutes). Use scaler or explorer to remove excess cement immediately upon initial set. It is not important to wait until final set to remove excess cement.

3. Ceramic Restorations to Teeth (Porcelain Veneers, In-lays, On-lays) After try-in, etch ceramic restoration and place in acetone or ethanol in ultrasonic cleaner for 1-2 minutes. Place silanating agent on internal or porcelain restoration. Clean tooth with non-fluoridated prophyl paste or pumice. To prepare tooth for bonding, use a universal dentin / enamel bonding system. Mix equal amounts of catalyst and base pastes and use a plastic instrument or injection system to place in Restoration. Avoid trapping air bubbles. Seat restoration on tooth and hold in place until paste reaches initial set (about 2:00-2:30 minute) use scaler or explorer to remove excess cement immediately upon initial set. It is not important to wait until final set to remove excess cement. The dispensed material shall not be placed back in container and the dose once applied and used shall not be reused.

Warnings :

This product will adhere to metal instruments. Remove excess material from the instrument immediately after using. The cement contains certain methacrylates and other ingredients which may cause irritation or sensitivity in some individuals. If contact occurs with skin, immediately wash with soap and water. Improper use may result in allergic reaction or skin and tissue irritation. If this occurs, discontinue the use of this product. Protective gloves and eye wear should be worn while handling this product. If contact occurs with eye. Flush immediately with large volumes of water and seek medical attention immediately. Do not expose materials to elevated temperatures or intense light. Do not store in the vicinity of alcohol based materials. Do not remove or reverse the syringe caps as this may promote polymerization.

Precautions :

1. Carefully read & understand all instructions before use.
2. To avoid cross contamination, do not re-use tips.
3. Re-direct operatory light during restorative procedure to avoid premature polymerization.

Contraindications :

Do not use in patients if allergic to any of its ingredients.

Storage Conditions :

Store at temperature between 10°C(50°F) to 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: 30006

Intro Pack : 1 x 9g Automix Syringe, 10 x Automix Tips.

Disposal conditions :

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



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UDI Symbol for "UNIQUE DEVICE IDENTIFIER"

LOT Symbol for "BATCH CODE" Symbol for "USE-BY DATE" Symbol for "NON STERILE" Symbol for "KEEP DRY"

Symbol for "CAUTION" Symbol for "CONSULT INSTRUCTION FOR USE" **REF** Symbol for "CATALOGUE NUMBER"

EC REP Symbol for "AUTHORIZED REPRESENTATIVE IN THE EUROPEAN COMMUNITY/EUROPEAN UNION"

Symbol for "DO NOT USE IF PACKAGE IS DAMAGE" Symbol for "KEEP OUT OF THE REACH OF CHILDREN" Symbol for "MANUFACTURER"

Symbol for "TEMPERATURE LIMIT" Symbol for "KEEP AWAY FROM SUNLIGHT" **MD** 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 and reporting of unexpected events contact customer care.