CosmeCore™ Dual-Cure Core Buildup Material

Description
CosmeCore is a dual-cure, automix, hybrid filled, radiopaque, composite core buildup material according to EN ISO 4049. The automix syringe is a dual cartridge system. The base and the catalyst are automixed by forcing the materials through a disposal mixing tip. CosmeCore is light cured at wavelength range of 400 – 500 nm and self cures in the absence of light.

Timing (self curing mode)
- Working time: 90 seconds
- Curing time: 4 – 5 minutes

Please note: Although CosmeCore is dual-cure it must be light cured to ensure quality.

Shades
CosmeCore is available in the following shades:
- A2, white, blue

Composition
CosmeCore consists of multi functional acrylic resins and 0.04 – 5 micron sized particles of inorganic fillers (70 % by weight, 49 % by volume).

Indications (Areas of application)
- Core buildups

Contraindications
Placement of CosmeCore is contraindicated
- If a patient is known to be allergic to any of the ingredients of CosmeCore.

Side effects
May cause irritation in sensitive patients.

Interactions
Do not use in combination with eugenol containing materials as these may impede the polymerization process.

Application
1. For maximum results and a strong bond, apply an advanced generation bonding system such as Cosmedent Complete or a dual-cure 4th generation bonding agent such as All-Bond 2 (Bisco). (Because of the acidic nature of most 5th generation bonding agents, using them may reduce bond strength and may cause your buildup to debond.)
2. Etch the tooth preparation.
3. Rinse, but leave the tooth moist.
4. Dispense the material from the automix cartridge into the preparation and light cure for 5 seconds. **WAIT 5 seconds**, then continue to light cure for an additional 40 seconds. This procedure will reduce heat buildup.
5. The buildup is ready to prep after light curing. The dual-cure capabilities insure that the material will continue to self cure after light curing.

Notice
During time-consuming procedures, avoid overexposure from the operatory light to protect against polymerization of the material.

Warning
CosmeCore contains acrylic resins and may cause irritation or sensitization in some people. In case of contact with the eyes, rinse immediately with plenty of water and seek medical attention.

Storage
Store at 40 – 75°F (4 – 24°C).
Shelf life: see information on syringes and/or packages. Avoid direct sunlight.
Keep material out of reach of children. Do not use after the expiry date.

Distributor:
Cosmedent Inc.
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Phone: +1-312-644-9586
www.cosmedent.com

Manufacturer:
DeltaMed GmbH
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www.deltamed.de

Note
Federal (U.S.) law restricts this device to sale by or on the order of a dentist.

This product was developed for use in the dental sector and should be used in accordance with the instructions for use. The manufacturer does not accept liability for damage caused by its use for any other purpose. The user is also obliged to accept responsibility for checking before use that the material is suitable and can be used for the intended purpose, particularly if this is not listed in the instructions for use.

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Legend: