

Renamel[®] Nano

Instructions for use

English

Description

Renamel Nano is a light cured, nanofilled, radiopaque, highly polishable dental filling material referenced to EN ISO 4049. Renamel Nano cures with light at wavelength range of 400 – 500 nm.

Shades

Renamel Nano is available in the following shades:

Body shades: A1, A2, A3, A3.5, A4
B-Zero, B1,
C1, C2, C3, C4
D2, D3
Bleach shade SuperBright 3 (SB3)
Incisal shades: light, medium

Composition

Renamel Nano consists of multi functional acrylic resins and 0.02 – 3 micron sized particles of inorganic fillers (80 % by weight, 64 % by volume)

Indications (Areas of application)

- Anterior restorations (classes III and IV)
- Class V restorations (cervical caries, root erosion, wedge-shaped defects)
- Restorations in the posterior region (Classes I and II)
- Veneering of discolored teeth
- Closing of diastemas
- Repair of composite and ceramic veneers

Contraindications

Placement of Renamel Nano restorations is contraindicated

- If a patient is known to be allergic to any of the ingredients of Renamel Nano.

Side effects

Can cause irritation in sensitive patients.

Interactions

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

Application

Before treatment, tooth color should be taken using a standard color guide. Keep the teeth moist when taking the shade.

1. Prepare the cavity according to the general standards in composite filling therapy. Afterwards, clean and dry the cavity.
2. Apply etching gel to the entire cavity, beginning with enamel areas. Leave the gel for 20 sec on the tooth structure (total-etch-technique).
3. Remove etching gel and spray tooth with water for minimum 15 sec. Make sure that no residue remains on the tooth.
4. Dry cavity with oil free air. Re-moisten dentin and keep moist.
5. Apply dentin adhesive (e.g. *Complete*) according to instructions for use and cure.
6. Sculpt Renamel Nano in layers of max. 2 mm. Make sure to adapt material to the cavity walls thoroughly. On anterior restorations the use of incisal material is recommended to achieve a translucent result.
7. Cure each surface for 40 sec (Halogen or LED lamp)
8. Apply and sculpt further material as needed and cure.
9. After applying, perform final cure for 60 sec.
10. The restoration can be finished and trimmed immediately after curing is completed. For trimming, diamonds and flexible discs are recommended.
11. High-gloss polish can be achieved using alumina impregnated rubber instruments, superfine flexible discs and buffs with Enamelize polishing paste.

Notice

During time consuming procedures avoid overexposure with the operatory light to protect against polymerization of the material.

Warning

Renamel Nano contains acrylic resins and may cause irritation and sensitivity. In case of contact with the eyes, rinse immediately with plenty of water and seek medical attention.

Storage

Store at 40 – 75°F (4 – 25°C).

Shelf life: see information on syringes and/or packages.

Avoid exposure to direct sunlight.

Keep material out of reach of children.

Do not use after the expiry date.

Distributor:

Cosmedent Inc.
401 North Michigan Avenue
Suite 2500
Chicago, IL 60611
Phone: +1-312-644-9586
www.cosmedent.com

Manufacturer:

DeltaMed GmbH
D-61169 Friedberg
www.deltamed.de

CE 0124







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.

Version 02, 2010-12-08

Legend:

 LOT	Description of batch		Recommended storage temperature
	Best Before		Manufacturer
	Respect the instructions for use		Protect from direct sunlight
REF	Product code		