

1. Product Description & Main Ingredients

D Tech Compomax is a light cured resin based dental restorative material. This system is designed for all classes of direct restoration. Suitable for anterior & posterior applications.

Main Ingredients

Methacrylate monomers & Oligomers, Inert Filler, Photoinitiator

2. Indications

- 2.1 Restoration for class I, II, III, IV, V, VI, restorations.
- 2.2 Composite inlays
- 2.3 Facing surface repair of discolored teeth

3. Contraindications

- 3.1 The application of Compomax is contraindicated in patients with known allergy to methacrylate resins.
- 3.2 Do not apply directly on open pulp.
- 3.3 Do Not apply on soft tissue.

4. Precautions (please read carefully before use)

- 4.1 This product contains substances that may cause an allergic reaction by skin contact in certain individuals. To reduce the risk of allergic response, minimize exposure to these materials. In particular, avoid exposure to uncured product.
- 4.2 If skin contact occurs, wash skin with soap and water. Use of protective gloves and a no-touch technique is recommended.
- 4.3 Acrylates may penetrate commonly used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and then re-glove. If allergic reaction occurs, seek medical attention as needed.
- 4.4 If prolonged contact with oral soft tissue occurs, flush with large amounts of water.
- 4.5 Do not remove the oxygen-inhibited layer, as this is required for the bond with the next layer.
- 4.6 Important Notes -
- 4.6.1 Ensure that the work area is sufficiently clean and non-contaminated. Use a rubber dam where possible.
- 4.6.2 Prior to preparation, clean the tooth, remove all cleaning residues with water spray. Determine the vita tooth shade, preferably in daylight or preferably using a shade matching light handheld device.
- 4.6.3 Light devices should emit wavelength of about 450 nm and intensity should be regularly Inspected. The light should be placed as close as possible to the filling material.
- 4.7 Sensitivity

Some patients may experience transitory postoperative sensitivity. The risk of sensitivity can be minimized by doing small sensitivity test on hand.

5. Application Method

- 5.1 Cavity preparation
- 5.1.1 Prepare the cavity according to the general rules of adhesive techniques.
- 5.1.2 Etch as required, according to your preferred technique, e.g. Total-etch. Follow the instructions for use the materials used.
- 5.2 Bond Material
- 5.2.1 Apply bond primer. (E.g. AQ Bond)
- 5.3 Lining
- 5.3.1 Apply a lining of thin flowing composite (Compo Flo) or compomer as required. We recommend using a matrix.
- 5.4 Application of Compomax
- 5.4.1 Fill the cavity in the required shade in layers of maximum 2 mm thickness & light cure for 20 seconds afterward.
- 5.5 Light Curing
- 5.5.1 Light cure the Compomax using a light curing unit. Keep light guide as close as possible to the surface. Refer to the following chart for Irradiation Time with light intensity.

Irradiation Time	Intensity of Light
10Sec	1200 mW/cm2
20Sec	700 mW/cm2

Note- Incomplete curing may lead to discoloration & discomfort. Please check your light in order to ensure proper light intensity. It is advisable to regularly check the efficacy of the light using a light intensity meter.

- 5.6 Finishing
- 5.6.1 Remove surplus composite & finish with a diamond finisher and / or flexible discs of decreasing grain size. High-gloss polishing can be carried out with a polishing paste using polishing cups/discs.

6. Packaging & Variants

1 syringe of 4g Compomax

Shades:

Shade A1, A2, A3, A3.5, A4, B1, B2, B3, C1, C2, C3, D2, D3, W, EXW, OA1, OA2, Incisal

7. Storage & Handling:

Product can be stored at room temperature but it is ideal to refrigerate in tropical conditions. Replace cap on the syringes immediately after use to avoid the material curing from ambient light. Do not use after the expiry date.

Store at temperature of 5-30°C (41-86.0°F).

(Shelf life: 2 years from date of manufacture)

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Storage



Keep Dry



Keep away from Sunlight



Authorised Representative



Manufacturer

LOT Batch No

Expiry



Non Sterile



Medical Device



Unique Device Identifier



Instruction for Use

Limitation of Liability

Except where prohibited by law, D Tech will not be liable for any loss or damage arising from this product, whether direct, indirect, special, incidental or consequential, regardless of the theory asserted, including warranty, contract, negligence or strict liability

For use only by a dental professional