

1. Product Description & Main Ingredients

D Tech Compo Flo is a flowable, light curing, radiopaque Nano hybrid composite resin material.

Main Ingredients

Methacrylate monomers & Oligomers, Inorganic Filler, Photo initiator.

2. Indications

- 2.1 Class III and smaller class IV restorations
- 2.2 Ideal for class V restorations
- 2.3 Restoration of minimally invasive cavity preparations
- 2.4 Base / Liner in Class I and Class II restorations
- 2.5 Undercut block-out

3. Contraindications

- 3.1 The application of Compo Flo 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.
- 4.4 If allergic reaction occurs, seek medical attention as needed.
- 4.5 Avoid material containing eugenol, moisture and oily air; they can inhibit the polymerization at the contact area

4.6 Important Notes:

- 4.6.1 In singular cases hypersensitivity to components of the material cannot be excluded.
- 4.6.2 The use of cationic mouthwashes, plaque indicators and chlorohexidine may lead to discolorations.
- 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 Shade Selection

- 5.1.1 Clean & dry preparation. Choose shade

5.2 Cavity Preparation

- 5.2.1 Remove all amalgam or other base materials that may interfere with operations. Prepare the cavity according to the general rules of adhesive dentistry. Bevel enamel margins.

5.3 Pulp Protection

- 5.3.1 Protect pulp and deep cavities according to the general rules of preparative dentistry.

5.4 Enamel & Dentin Treatment

- 5.4.1 Etch enamel margins with D Tech Etching gel for 20 to 35 seconds. Rinse off etching gel completely. Dry with oil free air. Apply the adhesive (Bonding) according to manufacturer's instruction.

5.5 Dispensing Method

- 5.5.1 Select the syringe containing the desired shade of Compo-flo. Remove syringe cap and insert an angled leur lock syringe tip. Lock tip into place. Gently press the syringe plunger to dispenses Compo-flo.

5.6 Placement

- 5.6.1 To ensure a complete cure DO NOT place Compo-Flo in layers exceeding 2mm.

5.7 Light Cure

- 5.7.1 Light-cure each layer for 20 seconds. Hold the light emission tip of the device as close as possible to the surface of the filling. 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.

5.8 Finishing

- 5.8.1 Remove excess material, shape and finish with diamond burs and flexible disks of increasing grits.

6. Packaging & Variants

1 syringe of 2gm Compo-flo

2 Applicator tips

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



7. Storage & Handling:

Store in cool dark place. Keep away from direct light and heat. Do not expose restorative materials to elevated temperatures or intense light.

(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