



Prior to use, carefully read the instructions for use.

Universal Light Cured Radiopaque Flowable Composite

1. Product Description & Main Ingredients

D Tech Compo Flo Universal is a High viscosity flowable with shape holding -non slumping properties, light curing, radiopaque Nano hybrid composite resin material.

Main Ingredients

Methacrylate monomers & Oligomers, Inorganic Filler, Photo initiator.

2. Indications

- 2.1 Direct restorative for Class I, II, III, IV, and V cavities.
- 2.2 Sealing of Fissures and Hypersensitive areas
- 2.3 Blocking out undercuts
- 2.4 Liner or base

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 the tooth with pumice and water. Use a standard shade selection method and determine shade.

5.2 Cavity Preparation

5.2.1 Prepare cavity using standard techniques. Dry by gently blowing with oil free air. Rubber dam is recommended to isolate prepared tooth from contamination with saliva, blood or sulcus fluid.

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 30seconds. Rinse off etching gel completely. Dry with oil free air. Apply the adhesive (Bonding) according to manufacturer instruction. Take care not to desiccate the surface.

5.5 Dispensing Method

- 5.5.1 Select the syringe containing the desired shade of Compo-flo. Remove syringe cap and insert an angled luer lock syringe tip. Lock tip into place.
- 5.5.2 Place the dispensing tip as close as possible to the prepared cavity, and slowly push the plunger to syringe material. Alternatively, dispense material onto a mixing pad and transfer to the cavity using a suitable instrument.

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 the Compo flo Universal 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
10 seconds	1200 mW /cm ²
20 seconds	700 mW /cm ²

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.

5.8 Finishing

5.8.1 Remove excess material, shape, finish and polish with standard technique.

6. Packaging & Variants

- 1 syringe of 2.5g Compo-flo universal
- 2 Applicator tips

Shades:

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

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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