

Bisco

CE 0459

CORE-FLO™ DC Lite *Dual-Cured*

Low Viscosity Core Build-Up

Instructions for Use



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IN-218R5
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Caution: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

CORE-FLO™ DC Lite

Low Viscosity Core Build-Up

GENERAL INFORMATION

CORE-FLO DC Lite is a flowable dual-cured, fluoride-containing, radiopaque core build-up composite, specifically designed to cement posts and build-up the core structure in one easy application. **CORE-FLO DC Lite** is also an ideal dentin replacement material. **CORE-FLO DC Lite** comes in an automix dual-syringe, and is available in both Natural/A1 & Opaque White shades. **CORE-FLO DC Lite** is intended for use with a bonding agent that is compatible with dual-cured materials, such as BISCO adhesives.

Indications for use:

The principle indications for use of **CORE-FLO DC Lite** are:

1. Core build-up material
2. Cementation of posts or pins
3. Dentin replacement material

Warnings:

- Contamination by saliva, blood, or water should be avoided during these procedures. When using dental adhesives, contamination will compromise dentin bonding and may result in decreased longevity of the restoration.
- A rubber dam is recommended for all indications where contamination may be possible.

Cautions:

- Cross-contamination: Product may contain items that are designed for one time use. Dispose of used or contaminated accessories. Do not clean, disinfect or reuse.

Precautions:

- Avoid contact with the skin; unpolymerized (meth)acrylate resins may cause skin sensitization in susceptible persons. In case of contact, wash skin with soap and water.
- To prevent polymerization or clogging, the dual-syringe mixing tip should be left in place until the next application. Use of commonly available hygienic protective covering to avoid any contamination of syringes during treatment is recommended. If used intraorally, wipe mixing tip with disinfectant prior to storage.
- Unlike Bisco adhesives, not all one bottle total-etch or self-etch systems bond to self-cured or dual-cured materials. Refer to the manufacturer's instructions.
- Isolate the core build-up for taking impressions or fabricating temporary crowns/bridges (it may be sufficient to moisten it thoroughly), in order to prevent any bonding with these materials.
- If refrigerated, product should be brought to room temperature before use.
- Safety data sheet available on request.
- Safety data sheet available at www.Bisco.com.

TECHNICAL INFORMATION

At room temperature (20°C/68°F - 25°C/77°F):

Working Time: Minimum 1 minute

Setting Time: Maximum 7 minutes

Working Time and Setting Time may vary based on storage conditions, temperature, humidity, etc.

INSTRUCTIONS FOR USE

CORE MATERIAL MIXING PROCEDURES:

1. Remove the syringe cap or mixing tip from the dual-syringe.
2. Dispense a small amount of material onto a mixing pad to eliminate any voids in each chamber of the dual-syringe.
3. Attach a mixing tip to the dual-syringe by lining up the key and keyway. Then turn the brown locking mechanism clockwise.
4. Pressing the plunger will mix and dispense the **CORE-FLO DC Lite**. (See "TECHNICAL INFORMATION" Section for Working and Setting Time information.)

1. CORE BUILD-UP USING CORE-FLO DC Lite

- (1) Isolate the tooth with a rubber dam.
- (2) Apply an adhesive according to the manufacturer's instructions; we recommend the use of any BISCO adhesive.
- (3) a. If using a matrix band: place a matrix band around the prepared tooth. Place the end of the intra-oral tip directly on to the preparation and dispense **CORE-FLO DC Lite**. Light cure for 40 seconds.
b. If using a core form: place the mixing tip directly into the core form and dispense **CORE-FLO DC Lite**. Place the loaded core form onto the prepared tooth and hold in place, light cure for 40 seconds.
- (4) Prepare and finish the core in the usual manner using diamond and carbide burs.

2. POST CEMENTATION AND CORE BUILD-UP TECHNIQUE USING CORE-FLO DC Lite

- (1) Isolate tooth and prepare the tooth according to the post manufacturer's instructions.
- (2) Apply an adhesive according to the manufacturer's instructions; we recommend the use of any BISCO adhesive. Prior to light curing, blot the canal dry with paper points until the paper point returns dry from the canal and gently air dry the adhesive to evaporate the solvent.

NOTE: The paper point step is important for removal of any pooled adhesive so that there is no interference in complete seating of the post.

- (3) Coat the surface of the post with an adhesive according to the manufacturer's instructions. This will increase the wettability of the post.
- (4) Using the root canal mixing tip inject **CORE-FLO DC Lite** into the canal. Start at the apical end of the canal and withdraw the tip slowly while keeping the tip in the cement to minimize voids.
- (5) Coat the apical end of the post with **CORE-FLO DC Lite**. Seat the post into the canal gently and maintain firm pressure for 20-30 seconds once the post is seated.
- (6) Continue to express **CORE-FLO DC Lite** around the post and build-up the core to the desired height and shape.
- (7) Remove the excess material and light cure for 40 seconds by placing the light tip as close as possible to the post and core build-up.
- (8) Prepare and finish the core in the usual manner using diamond and carbide burs.

3. DENTIN REPLACEMENT MATERIAL

- (1) Isolate tooth and prepare in a conservative manner. Rinse and dry.
- (2) Apply an adhesive according to the manufacturer's instructions; we recommend the use of any BISCO adhesive.
- (3) Express **CORE-FLO DC Lite** only to the level of the dentin-enamel junction.
- (4) Light cure the **CORE-FLO DC Lite** for 10 seconds. Continue to firmly pack a light-cured composite, building incrementally until cavity preparation is filled. Light cure according to manufacturer's instructions.
- (5) Check the occlusion and continue with finishing and polishing procedures.

HYGIENE: To prevent polymerization or clogging, the dual-syringe mixing tip should be left in place until the next application. Use of commonly available hygienic protective covering to avoid any contamination of syringes during treatment is recommended. If used intraorally, wipe mixing tip with disinfectant prior to storage.

DISPOSAL: Refer to community provisions relating to waste. In their absence, refer to national or regional provisions relating to waste.

STORAGE: Store kit at room temperature (20°C/68°F - 25°C/77°F). See individual component labels for specific expiration dates.

WARRANTY: BISCO, Inc. recognizes its responsibility to replace products if proven to be defective. BISCO, Inc. does not accept liability for any damages or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

* CORE-FLO is a trademark of BISCO, Inc.

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