

Bisco

CE 0459

BIS-CORE™

*Dual-
Cured*

Core Build-Up Composite

Instructions for Use



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CAUTION: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

BIS-CORE™*

Core Build-Up Composite

GENERAL INFORMATION

BIS-CORE is a dual-cured, highly filled, radiopaque core build-up composite. The high viscosity **BASE PASTE** is a universal dentin shade and may be used alone as a light-cured core build-up material. When the **BASE PASTE** is mixed with the **CATALYST PASTE**, the resultant mixture is a dual-cured, medium viscosity composite ideal for intracoronary syringe placement. The dual-cured **CATALYST PASTE** is available in two shades, Natural and Opaque. **BIS-CORE** has superior physical properties resulting in a strong, easy-to-use core build-up material. **BIS-CORE** is intended for use with an universal adhesive system.

Indications For Use:

BISCO's **BIS-CORE** is intended for restorations where a light-cured or dual-cured composite for core build-up is required for vital and non-vital teeth.

Precautions:

- Working and setting times will be accelerated in the warm intraoral environment.
- 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.
- Unlike BISCO adhesives, not all self-etch and total-etch adhesives bond to dual-cured and self-cured composites. Refer to adhesive instructions for use.
- Refer to the Instructions For Use section regarding the proper handling of the syringe.
- See individual component labels for specific expiration dates.
- 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 min. 30 sec.
Setting Time:	Maximum 5 min. 30 sec.

Working time and setting time may vary based on storage conditions, temperature, humidity, etc.

INSTRUCTIONS FOR USE

CORE BUILD-UP

1. If a post is indicated, cement post into post preparation according to manufacturer's instructions.
2. Apply a universal adhesive according to manufacturer's instructions.

SYRINGE USE

Helpful Hints:

- The high viscosity of this material necessitates simple but specific precautions to prevent damage to the syringe and avoid waste.
 1. Always twist knob slowly to avoid excess extrusion.

2. Once sufficient material has been dispensed from the syringe, rotate the knob 1-1/2 turns COUNTERCLOCKWISE to release the pressure on the composite.

3. For Dual-Cured Method:

- I. The ratio of BASE PASTE to CATALYST PASTE may be varied to alter the setting time.
 - To shorten the setting time: Increase amount of BASE PASTE
 - To lengthen the setting time: Increase amount of CATALYST PASTE
- II. Dispense desired amount of **BIS-CORE** BASE and CATALYST PASTES onto a light-protected mixing pad by turning syringe handle clockwise. Mix to a uniform paste (10-15 seconds).
- III. Place directly into preparation or fill a High Viscosity Unit-Dose Tip with the composite and inject into the preparation and around the post, if present. Continue to build until cavity preparation is filled to the desired level.
- IV. Light cure for 20 seconds per surface or allow the material to self cure, and continue with preparation.

For Light-Cured Method:

- I. Dispense desired amount of **BIS-CORE** BASE PASTE onto a light-protected mixing pad by turning syringe handle clockwise.
- II. Place directly into preparation or fill a High Viscosity Unit-Dose Tip with the composite and inject into the preparation and around the post, if present.
- III. Light cure for 20 seconds per 2.5mm increment.
- IV. Continue to build until cavity preparation is filled to the desired level.

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

STORAGE: Store at room temperature (20°C/68°F - 25°C/77°F).

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 there with.

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

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