

Bisco

REVEAL[®] HD Bulk *Light-Cured*

Light-Cured Bulk Fill Composite

Instructions for Use



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IN-232
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Caution: U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

REVEAL®* HD Bulk

Light-Cured Bulk Fill Composite

General Information

REVEAL HD Bulk is a light-activated restorative composite, optimized to allow for simpler and faster posterior restorations. **REVEAL HD Bulk** is intended to combine superior levels of handling, depth of cure, and polishability to perform as an optimum functional and aesthetic bulk fill composite. All shades of **REVEAL HD Bulk** are radiopaque and have a 5-6 mm depth of cure.

Indications for use

- 1) Restorations in the posterior region
- 2) Restorations of deciduous teeth
- 3) Extended fissure sealing in molars and premolars
- 4) Core build-ups
- 5) Splinting
- 6) Repair of defects in porcelain restorations, enamel, and temporaries

Warnings:

- If accidentally gets into the eye, flush with copious amounts of water and seek medical attention immediately. In case of contact with other tissues, rinse immediately with plenty of water for several minutes.

Cautions:

- Cross-contamination: Product may contain items that are designed for one time use. Dispose of used or contaminated tips. 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.
- Saliva contamination will seriously compromise dentin bonding.
- Refer to individual component labels for specific expiration dates.
- Safety data sheet available on request.
- Safety data sheet available at www.Bisco.com.

Instructions for Use

| Light Type | Output (mW/cm ²) | Curing time (seconds) | Increment Depth by Shade | |
|------------|------------------------------|-----------------------|--------------------------|--------|
| | | | A1, B1 | A2, A3 |
| Halogen | 500-1000 | 40 | 6mm | 5mm |
| LED | 1000-2000 | 20 | | |

**Wavelength between 400-550nm

CLINICAL PROCEDURE

1. Clean teeth with pumice and water to remove stain.
2. Select the desired shade of **REVEAL HD Bulk** composite while tooth is still moist.
3. Isolate and prepare the tooth.
4. Place appropriate matrix.
5. When preparation is close to the pulp or the pulp is exposed a pulp capping and lining agent (such as TheraCal LC*) may be placed.
6. Apply an adhesive (such as Bisco's All-Bond Universal*) according to the manufacturer's instructions.
7. Dispense **REVEAL HD Bulk** composite.
 - a. For Syringe Application: Dispense desired amount of **REVEAL HD Bulk** onto a light-protected mixing pad by turning the syringe handle clockwise. (Tip: To prevent excessive material from extruding, turn handle counterclockwise immediately after the desired amount is dispensed). Place the dispensed material into the preparation using a composite instrument. The material can be placed in one layer, up to the depth indicated in the aforementioned table.
 - b. For Unit Dose Application: Place capsule into the unit-dose syringe barrel. Squeeze syringe with a slow, steady pressure, dispensing **REVEAL HD Bulk** in the deepest portion of the preparation, holding the tip close to the preparation surface. As material is extruded, slowly raise the tip so it is slightly above the dispensed material to minimize air entrapment. Do not allow the tip to be immersed in the material. For proximal areas, hold the tip against the matrix to aid material flow into the proximal box. The material can be placed in one layer, up to the depth indicated in the aforementioned table.
8. Light cure the material according to aforementioned curing table.
9. Adjust occlusion, finish and polish in the usual manner.

* REVEAL, TheraCal LC and ALL-BOND UNIVERSAL are registered trademarks of BISCO, Inc.

HYGIENE: Please see manufacturer instructions for unit-dose syringe hygiene protocol.

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 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.

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