Bisco CE 0459

Post Placement Kit

Post Cementation and Core Build-Up System

Instructions for Use
and
Material Safety Data Sheet
(MSDS)

Bringing Science to the *Art* of Dentistry™

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POST PLACEMENT KIT
Post Cementation and Core Build-Up System

GENERAL INFORMATION

BISCO's **POST PLACEMENT KIT** is a comprehensive system enabling the effective cementation of any endodontic post as well as the placement of the core build-up. This system comes complete with all necessary bonding, cementation and core build-up materials including:

- **UNI-ETCH®* w/BAC** a semi-gel 32% phosphoric acid etchant with benzalkonium chloride, an antimicrobial agent.
- **ONE-STEP®* PLUS** the only truly universal single bottle, total etch adhesive on the market that is fully compatible with dual-cured and self-cured materials without the use of additional activators.
- **DUO-LINK™*** a dual-cured, resin cement with the highest degree of conversion on the market.
- **LIGHT-CORE™*** a light-cured, core build-up material with excellent physical and handling properties.

CLINICAL PROCEDURE

1. POST CEMENTATION

Prior to these cementation steps, prepare the canal according to post manufacturer's instructions, select the proper post size and try in the post for proper fit.

WARNING: Do not clean the canal using hydrogen peroxide as it may inhibit bonding.

A. Post Space Preparation:

(1) To the prepared canal, apply UNI-ETCH w/BAC for 15 seconds and rinse with water.

(2) Blot the canal with a paper point to remove excess moisture.

(3) Apply 2 coats of ONE-STEP PLUS to the walls of the canal using an ENDO APPLICATOR.

* UNI-ETCH and ONE-STEP are registered trademarks of BISCO, Inc.
DUO-LINK and LIGHT-CORE are trademarks of BISCO, Inc.

(4) Blot the canal dry with paper points until the paper point returns dry from the canal.

PLEASE 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.

(5) Light cure ONE-STEP PLUS for a minimum of 10 seconds at 500 mW/cm^2. (Position the light as close as possible to the canal opening. **Light access is necessary for curing ONE-STEP PLUS in the canal.)**

B. Post Cementation:

Note: Prepare the post surface according to post manufacturer's instructions.

(1) Coat the post with ONE-STEP PLUS and light cure for 10 seconds at 500 mW/cm^2.

(2) Thinly coat the post with DUO-LINK and then apply DUO-LINK to the canal using the Dual-Syringe:

a. Remove the Dual-Syringe cap and express some material to confirm that the syringe is free of voids.

b. Attach the root canal tip to the mixing tip and then attach mixing tip to Dual-Syringe.

c. Express DUO-LINK directly into the canal working in an apical to coronal direction.

(3) Quickly seat the post into the canal. Maintain firm pressure for 5-10 seconds once the post is seated.

(4) Remove excess cement and light cure for 40 seconds at 500 mW/cm^2 by placing the light tip on the post.

(5) Once the cement has set, proceed with the core build-up.

2. CORE BUILD-UP

(1) Clean all surfaces that will receive the core material (including the post) with a slurry of pumice and CAVITY CLEANSER™* (disinfectant) or pumice and water. Rinse and dry.

(2) Etch the tooth structure for 15 seconds using UNI-ETCH w/BAC.

* CAVITY CLEANSER is a trademark of BISCO, Inc.

(3) Apply 1-2 coats of ONE-STEP PLUS. Gently air dry to evaporate the solvent. Light cure for 10 seconds at 500 mW/cm^2.

(4) Dispense desired amount of LIGHT-CORE onto a light-protected mixing pad by turning the syringe handle clockwise.

NOTE: To prevent excessive material from extruding from syringe, turn handle counterclockwise immediately after the desired amount is dispensed.

(5) Place core material into the preparation (and around post) in increments (not to exceed 5mm).

(6) Light cure each increment for a minimum of 20 seconds at 500 mW/cm^2.

3. FINAL PREPARATION

Conventional principles of tooth preparation (with proper ferrule) must be followed for optimal results.

— Preparation for final restoration must end on sound tooth structure.

— There must be 1.5mm of sound tooth structure beyond the core material.

— Positive horizontal and vertical walls should exist.

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

PRECAUTION: Unpolymerized resins may cause skin sensitization in susceptible persons. In case of contact with the skin, wash thoroughly with soap and water. Phosphoric acid of UNI-ETCH is a severe eye irritant and tissue irritant. If accidentally instilled 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. Injury may result if UNI-ETCH is allowed to remain on the skin or mucosa for extended periods of time.

WARRANTY: BISCO, Inc. recognizes its responsibility to replace products if proven to be defective. BISCO, Inc. does not accept liability for any damage 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.

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

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