

Bisco

CE 0459

Pro-VTM

Provisional Restorative System

Instructions for Use



Bringing Science to
the *Art* of Dentistry™

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PRO-V™*
Provisional Restorative System

GENERAL INFORMATION

PRO-V is BISCO's line of provisional restorative materials designed to address the differing requirements for creating or placing provisional restorations.

The **PRO-V** Inlay/Onlay Kit offers a complete solution to create an effective inlay or onlay provisional.

PRO-V FLO®* is a flowable composite for use in a provisional inlay restoration. **PRO-V FLO** offers the perfect balance of hardness/strength/durability (low water sorption) and elasticity.

PRO-V FILL®* is a packable composite for use in a provisional onlay restoration. **PRO-V FILL** has excellent handling and sculpting properties offering matrix-free modeling directly in the mouth.

PRO-V COAT®*▲ is the "first of its kind" separating agent that allows a clinician to utilize the beneficial Immediate Dentin Sealing technique without the risk of the provisional material bonding to the tooth structure. The proprietary formulation is a water-soluble separating agent that serves to prohibit bonding of the provisional material to the adhesive interface, protects dentin surfaces from contamination and is designed to clean up effortlessly without any residue.

Indications For Use:

1. Immediate Dentin Sealing Technique prior to Provisionalization
 - A. Using ALL-BOND 3®*
 - B. Using ALL-BOND SE®*
2. Temporary Fillings
 - A. Provisional Inlays
 - B. Provisional Onlays

* PRO-V is a trademark of BISCO, Inc.

PRO-V FLO, PRO-V FILL, PRO-V COAT, ALL-BOND 3 and ALL-BOND SE are registered trademarks of BISCO, Inc.

▲ Patent Pending.

Warnings:

- The phosphoric acid in the etchant is a severe eye irritant and tissue irritant. Injury may result if the etchant is allowed to remain on the skin or mucosa for extended periods of time. If accidentally splashed 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.
- Avoid splashing ALL-BOND SE into the eyes. If ALL-BOND SE Adhesive (Parts I & II) comes into contact with the eyes, flush with copious amounts of water and seek medical attention.
- The use of a Rubber Dam or proper isolation is recommended.

Precautions:

- Do not refrigerate PRO-V COAT. Store at room temperature. (20°C/68°F - 25°C/77°F).
- Refer to specific product “Instructions for Use” for complete instructions prior to use.
- See individual component labels for specific storage requirements.
- See individual component labels for specific expiration dates.
- Avoid contact with the skin; unpolymerized resins may cause skin sensitization in susceptible persons. In case of contact, wash skin with soap and water.

INSTRUCTIONS FOR USE

1. Immediate Dentin Sealing Technique Prior to Provisionalization

NOTE: If this procedure is not desired, proceed to section 2, “Temporary Fillings”.

A. Using ALL-BOND 3 – Total Etch Method

- i. Thoroughly clean the preparation with pumice slurry.
- ii. Etch the DENTIN for 5-10 seconds using UNI-ETCH®* w/BAC and rinse thoroughly. Remove excess water using a foam pellet, leaving the preparation visibly moist.
- iii. Dispense an equal number of drops of ALL-BOND 3 Parts A & B (1:1) into a mixing well. Immediately replace the caps.
- iv. Using a brush, mix ALL-BOND 3 Parts A & B well for 5 seconds. Immediately apply 1 to 2 coats to the moist preparation.
- v. Gently but thoroughly air dry until there is no visible movement of the material. The surface should appear shiny; otherwise apply additional coats and air dry.
- vi. Light cure for 10 seconds at 500mW/cm².
- vii. Apply 1 thin coat of ALL-BOND 3 RESIN. Air thin if necessary and light cure for 10 seconds at 500mW/cm².

* UNI-ETCH is a registered trademark of BISCO, Inc.

- viii. Block out existing undercuts with a flowable composite, according to manufacturer's instructions.
- ix. Redefine the preparation, including the enamel margins.
- x. Remove the oxygen inhibited layer of the freshly bonded surfaces with an alcohol moistened cotton pellet or gauze.
- xi. Proceed with impression-taking protocol.
- xii. Dispense 1-2 drops of **PRO-V COAT** into a mixing well. Immediately replace the cap on the bottle.
- xiii. Using a brush, apply 1-2 coats of **PRO-V COAT** to the entire preparation. Gently air dry (from 8-10cm from the prep) for 10-15 seconds to evaporate the solvent.
- xiv. Proceed with temporization. (See section 2)

B. Using ALL-BOND SE - Self Etch Method

- i. Thoroughly clean the preparation.
- ii. Completely dry the tooth preparation and then dispense an equal number of drops of ALL-BOND SE Parts I & II (1:1) into a mixing well. Immediately replace the caps.
- iii. Using a brush, mix ALL-BOND SE Parts I & II until uniformly pink. Apply 1-2 coats of ALL-BOND SE to the dry preparation and then agitate for at least 10 seconds
- iv. Gently but thoroughly air dry until there is no visible movement of the material. The surface should appear shiny; otherwise, apply additional coats of ALL-BOND SE and air dry.
- v. Light cure for 10 seconds at 500mW/cm².
- vi. Apply one thin coat of ALL-BOND SE LINER. Air thin if necessary and light cure for 10 seconds at 500mW/cm².
- vii. Block out existing undercuts with a flowable composite, according to manufacturer's instructions.
- viii. Redefine the preparation, including the enamel margins.
- ix. Remove the oxygen inhibited layer of the freshly bonded surfaces with an alcohol moistened cotton pellet or gauze.
- x. Proceed with impression-taking protocol.
- xi. Dispense 1-2 drops of **PRO-V COAT** into a mixing well. Immediately replace the cap on the bottle.
- xii. Using a brush, apply 1-2 coats of **PRO-V COAT** to the entire preparation. Gently air dry (from 8-10cm from the prep) for 10-15 seconds to evaporate the solvent.
- xiii. Proceed with temporization. (See section 2)

2. Temporary Fillings

A. Provisional Inlays

- i. Inject **PRO-V FLO** directly into the preparation in 2mm increments. Light cure each increment for 10 seconds at 500mW/cm².
- ii. Mark the occlusion and carve or adjust with instruments.
- iii. After the final adjustment, light cure for 20 seconds at 500mW/cm².
- iv. If desired, apply a liquid polish such as BisCover™* LV. Dispense 1-2 drops of BisCover LV into a mixing well. Dip the brush into the BisCover LV. Wipe excess from the brush onto the side of mixing well. The brush does not need to be saturated, just wet enough to apply one thin coat.
- v. Apply one thin coat of BisCover LV in one direction with a smooth stroke. Do not agitate the brush during application.

Precautions:

- It is very important to allow 15 seconds dwelling time for evaporation of solvent after application.
 - Do not air thin as this will disperse the material unevenly causing ripples on the surface.
- vi BisCover LV uses the following curing lights and curing times to initiate polymerization:
 - a. **LED Lights:** Using an LED curing light with a minimum output of 500mW/cm², light cure for **30** seconds at close range (0-2mm).
 - b. **Halogen Lights:** Using a halogen curing unit, such as VIP™* *junior*, with a minimum output of 500mW/cm², light cure for **30** seconds at close range (0-2mm).
- NOTE:** If the light intensity is lower and/or curing occurs at a distance (10mm), light cure for greater than **30** seconds.
- c. **PAC (Plasma Arc) Lights:** Using a PAC light, light cure for **10** seconds at close range (0-2mm).

Precautions:

- Insufficient curing will leave an air-inhibited layer on the surface of BisCover LV.
 - Upon curing, BisCover LV may produce a brief exothermic reaction which is minimized by applying in a thin layer. Do not cure on soft tissue.
- vii. If a second coat is desired, repeat steps i-vi.

B. Provisional Onlays

- i. Place **PRO-V FILL** in 2-3mm increments. Light cure each increment for 10 seconds at 500mW/cm².
- ii. Place the last incremental layer of **PRO-V FILL** and adjust the occlusion with instruments.
- iii. After the final adjustment, light cure for 20 seconds at 500mW/cm².
- iv. If desired, apply a liquid polish such as BisCover LV. Dispense 1-2 drops of BisCover LV into a mixing well. Dip the brush into the BisCover LV. Wipe excess from the brush onto the side of mixing well. The brush does not need to be saturated, just wet enough to apply one thin coat.
- v. Apply one thin coat of BisCover LV in one direction with a smooth stroke. Do not agitate the brush during application.

Precautions:

- It is very important to allow 15 seconds dwelling time for evaporation of solvent after application.
 - Do not air thin as this will disperse the material unevenly causing ripples on the surface.
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- NOTE:** If the light intensity is lower and/or curing occurs at a distance (10mm), light cure for greater than **30** seconds.
- c. **PAC (Plasma Arc) Lights:** Using a PAC light, light cure for **10** seconds at close range (0-2mm).

Precautions:

- Insufficient curing will leave an air-inhibited layer on the surface of BisCover LV.
 - Upon curing, BisCover LV may produce a brief exothermic reaction which is minimized by applying in a thin layer. Do not cure on soft tissue.
- vii. If a second coat is desired, repeat steps i-vi.

3. Provisional Removal

- i. Insert a suitable sharp instrument (probe/scaler) into the material and remove in the line of draw.
- ii. Proceed with permanent bonding protocol.

4. Permanent Bonding Protocol

A. Using ALL-BOND 3 - Total Etch Method

- i. Thoroughly clean the preparation (with pumice slurry or air abrasion).
- ii. Etch the ENAMEL for 15 seconds using UNI-ETCH w/BAC, rinse and dry thoroughly.
OR If Immediate Dentin Sealing technique (section 1) was not used: Etch the entire preparation for 15 seconds using UNI-ETCH w/BAC and rinse thoroughly. Remove excess water using a foam pellet, leaving the preparation visibly moist.
- iii. Dispense an equal number of drops of ALL-BOND 3 Parts A and B (1:1) into a mixing well. Immediately replace the caps.
- iv. Using a brush, mix ALL-BOND 3 Parts A & B well for 5 seconds. Immediately apply 1 to 2 coats to the entire preparation.
- v. Gently but thoroughly air dry until there is no visible movement of the material. Then light cure for 10 seconds @ 500mW/cm². OR If Immediate Dentin Sealing technique (section 1) was not used: Gently but thoroughly air dry until there is no visible movement of the material. The surface should appear shiny, otherwise apply additional coats and air dry. Light cure for 10 seconds at 500mW/cm².
- vi. Prepare the internal surface of the restoration as instructed by the laboratory.
- vii. Proceed with cementation of the final restoration using a dual-cured resin cement, such as BISCO's DUO-LINK™* according to manufacturer's instructions. Light cure the margin for 10 seconds at 500mW/cm².

B. Using ALL-BOND SE - Self-Etch Method

Precautions:

- To achieve the maximum shelf life, ALL-BOND SE Adhesive (Parts I & II) should be refrigerated (2°C/36°F - 8°C/46°F). Refrigeration is not required if the product is depleted within sixty days.
- i. Thoroughly clean the preparation (with pumice slurry or air abrasion).
 - ii. Etch the ENAMEL for 15 seconds using UNI-ETCH w/BAC, rinse and dry thoroughly.
 - iii. Completely dry the tooth preparation and then dispense an equal number of drops of ALL-BOND SE Parts I & II (1:1) into a mixing well. Immediately replace the caps.
 - iv. Using a brush, mix ALL-BOND SE Parts I & II until uniformly pink. Apply 1-2 coats of ALL-BOND SE to the entire dry preparation.

* DUO-LINK is a trademark of BISCO, Inc.

- v. Gently but thoroughly air dry until there is no visible movement of the material. Then light cure for 10 seconds @ 500mW/cm². OR If Immediate Dentin Sealing technique (section 1) was not used: Gently but thoroughly air dry until there is no visible movement of the material. The surface should appear shiny, otherwise apply additional coats and air dry. Light cure for 10 seconds at 500mW/cm².
- vi. Prepare the internal surface of the restoration as instructed by the laboratory.
- vii. Proceed with cementation of the final restoration using a dual-cured resin cement, such as BISCO's DUO-LINK according to manufacturer's instructions. Light cure the margin for 10 seconds at 500mW/cm².

STORAGE: Store PRO-V FILL, PRO-V FLO and PRO-V COAT at room temperature (20°C/68°F - 25°C/77°F). Do not refrigerate PRO-V COAT.

To achieve the maximum shelf life, ALL-BOND SE Adhesive (Parts I & II) should be refrigerated (2°C/36°F - 8°C/46°F). Refrigeration is not required if the product is depleted within sixty days.

See individual component labels for specific storage requirements.

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.

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