**Select HV® Etch**

BISCO’s new SELECT HV ETCH is a 35% high viscosity phosphoric acid etchant, designed for the “selective etch” or “hybrid” technique – etching enamel margins without etching dentin. It can also be used for everyday total-etch restorative procedures. SELECT HV ETCH is formulated for optimized handling and accurate pin-point placement performance.

- High Viscosity, ideal for enamel etching
- Available in a convenient bulk syringe
- Washes off easily without leaving residue

SELECT HV ETCH with BAC is not available in all countries. Contact your local distributor for product availability.

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**Treatment of Indirect Substrates**

**Priming of Metal, Zirconia, Alumina, Composite and Post Restorations:**

1. Prepare the surface of the restoration according to instructions provided by the laboratory or the manufacturer. (e.g. particle abrasion)

   **NOTE:** Do not clean surfaces with phosphoric acid before application of adhesive.

2. Apply 1 coat of ALL-BOND UNIVERSAL and air dry to remove excess solvent. Light cure for 10 seconds (adhesive will remain thin, less than 10 microns, and not interfere with cementation of restoration).

   **NOTE:** It is recommended to light cure ALL-BOND UNIVERSAL for optimum strength and durability. If light curing is not desired, use Z-PRIME™ PLUS instead.

**Priming of Porcelain (silica-based) or Lithium Disilicate Restorations:**

1. Since different ceramics require different surface treatments, contact the laboratory or manufacturer for proper internal surface treatment instructions.

2. Apply 1 coat of ALL-BOND UNIVERSAL and air dry to remove excess solvent. Light cure for 10 seconds (adhesive will remain thin, less than 10 microns, and not interfere with cementation of restoration).

   **NOTE:** It is recommended to light cure ALL-BOND UNIVERSAL for optimum strength and durability. If light curing is not desired, use a silane such as BISCO’s PORCELAIN PRIMER. BISCO’s research demonstrates silane maintains bond durability, maximizing longevity to glass ceramics. For porcelain veneers it is strongly recommended to use BISCO’s PORCELAIN PRIMER.

Refer to instructions for these additional techniques:

- Desensitization / Sealing of Tooth
- Intracoronal Repairs
- Protective Varnish for Glass Ionomer Base Fillings
- Orthodontic Bonding
- Endodontic Post Bonding

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A rubber dam is recommended for all direct restorations and other indications where contamination may be possible.

**Direct and Indirect Tooth Preparation Treatment**

**SELF-ETCHING TECHNIQUE:**
Prepare cavity. Wash thoroughly with water spray. Use an absorbent pellet or high volume evacuation (HVE) for 1-2 seconds, to remove excess water (do not desiccate).

**TOTAL-ETCHING TECHNIQUE:**
Prepare cavity. Wash thoroughly with water spray. Etch enamel and dentin using an etchant for 15 seconds. Rinse thoroughly. Remove excess water by blotting the surface with an absorbent pellet or high volume evacuation for 1-2 seconds, leaving the preparation visibly moist.

**SELECTIVE ETCHING TECHNIQUE:**
Prepare cavity. Wash thoroughly with water spray. Syringe etchant onto cut and uncut enamel. Leave in place for 15 seconds. Use high volume evacuation (HVE) to remove the etchant. Rinse thoroughly. Use an absorbent pellet or HVE for 1-2 seconds, to remove excess water (do not desiccate).

**Step 2.** Apply two separate coats of **ALL-BOND UNIVERSAL**, scrubbing the preparation with a microbrush for 10-15 seconds per coat. Do not light cure between coats.

**Step 3.** Evaporate solvent by thoroughly air-drying with an air syringe for at least 10 seconds, there should be no visible movement of the material. The surface should have a uniform glossy appearance; otherwise, repeat Step 2-3. Light cure for 10 seconds.

**Step 4.** Continue with placement of the restorative material according to the manufacturer’s instructions. Example: CORE-FLO™ DC for build-up.

**NOTE:** See back side for treatment of Indirect Substrates.