ALL-BOND UNIVERSAL™

Light-Cured Dental Adhesive

The First TRULY Universal Dental Adhesive

• **ALL-BOND UNIVERSAL** is the perfect chemical formulation for both self-etch and total-etch adhesion using only one bottle. ALL-BOND UNIVERSAL is used for:
  - All direct and indirect restorations
  - Resin bonding to all direct substrates
  - Protective varnish for glass-ionomer-based fillings

• **ALL-BOND UNIVERSAL** contains MDP monomers that enhance durability of adhesion, and allow bonding to indirect restorations (zirconia, alumina and metal).

• **ALL-BOND UNIVERSAL**'s mild acidity (pH > 3) allows universal compatibility with dual-cured and self-cured composite core build-ups and resin cements.

• **ALL-BOND UNIVERSAL**'s hydrophobic formula (resin friendly) results in improved durability of the bond by optimizing the seal.

• **ALL-BOND UNIVERSAL** readily flows into etched surfaces and offers both chemical and mechanical sealing following light curing.

• Clinical evaluation confirms the ease of use as a benefit leading to virtually no post-operative sensitivity.

**Durability = Confidence**

(Microtensile Bond Strength on Dentin with Aging)

Dentin Bond Strength Comparison: Indirect Restorations

ALL-BOND UNIVERSAL was cemented with DUO-LINK™, and Scotchbond Universal was cemented with RelyX™ ARC. Cements were selfcured.

DUO-LINK was used with ALL-BOND UNIVERSAL, and Multi-link Automix was used with Multi-link Primer A and B. Relyx Unicem 2 is a self-adhesive resin cement. Cements were selfcured. DENTIN WAS NOT ETCHED.
BISCO Takes Bonding Another Step Further

ALL-BOND UNIVERSAL™ offers the flexibility for total-, self- or selective-etch procedures.

ALL-BOND UNIVERSAL is compatible with all light-cured, self-cured, and dual-cured resin composite and cement materials for all direct and indirect procedures.

Other single bottle adhesives may need more than 1 bottle for indirect restorations, but with ALL-BOND UNIVERSAL, NO activator is required!

**Direct Placement Technique**

1. **Technique A**
   - **Self-etching Technique:** Prepare cavity. Wash thoroughly with water spray. Remove excess water (do not desiccate).
   - 2. Apply ALL-BOND UNIVERSAL according to instructions.
   - 3. Evaporate excess solvent by air-drying thoroughly; light cure. The surface should have a uniform glossy appearance.

2. **Technique B**
   - **Total-etching Technique:** Prepare cavity. Wash thoroughly with water spray, apply phosphoric acid etchant and rinse thoroughly. Preparation should be visibly moist.
   - 4. Continue with placement of the restorative material.

3. **Technique C**
   - **Selective Enamel Etching Technique:** Prepare cavity. Wash thoroughly with water spray, apply phosphoric acid etchant and rinse thoroughly. Preparation should be visibly moist.

**Indirect Placement Technique**

1. **Technique A**
   - Maxillary right posterior teeth prepared for full-contoured zirconia restorations.
   - Two coats of ALL-BOND UNIVERSAL applied and light-cured.
   - 4. Continue with placement of the restorative material.

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ALL-BOND UNIVERSAL’S single bottle system offers the compatibility and speed for everyday effective performance.

Data compiled from respective manufacturer’s instructions for use.

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* Requires Scotchbond Universal DCA (dual-cure activator).
** Optibond XTR is a 2 bottle system requiring a primer and adhesive.
† Dual cure activator required for self-cured materials. Sold separately.
‡ Clearfil SE Bond/Protect is a 2 bottle system requiring a primer and adhesive.
§ Brush & Bond is indicated for use with composites and ceramics only.
∥ Bisco Bond requires an activator brush.