The First TRULY Universal Dental Adhesive

BISCO
ALL-BOND UNIVERSAL®
Light-Cured Dental Adhesive

1-800-247-3368
www.bisco.com

Rx Only
Too Good To Be True?
ALL-BOND UNIVERSAL ... Absolutely Genius.

Now Available in Unit-Dose!

ALL-BOND UNIVERSAL
0.20ml

SELF-ETCH
FULL COMPATIBILITY
TOTAL-ETCH

1-800-247-3368
www.bisco.com
ALL-BOND UNIVERSAL is the ideal chemical formulation for both self-etch and total-etch adhesion

Indicated for direct and indirect restorations

Contains MDP monomers for enhanced durability

Ultra mild acidity (pH > 3) allows for universal compatibility with dual-cured and self-cured materials

Hydrophobic formula (resin friendly) results in improved durability of the bond

Low film thickness allows the adhesive to readily flow into etched surfaces and offers both chemical and mechanical sealing

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

ALL-BOND UNIVERSAL Shear Bond Strength to Multiple Substrates (MPa)

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Light-Cured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dentin</td>
<td></td>
</tr>
<tr>
<td>Total-etch</td>
<td>42.5</td>
</tr>
<tr>
<td>Self-etch</td>
<td>36.9</td>
</tr>
<tr>
<td>Cut Enamel</td>
<td></td>
</tr>
<tr>
<td>Total-etch</td>
<td>38</td>
</tr>
<tr>
<td>Self-etch</td>
<td>26.2</td>
</tr>
<tr>
<td>Uncut Enamel</td>
<td></td>
</tr>
<tr>
<td>Total-etch</td>
<td>31</td>
</tr>
<tr>
<td>Self-etch*</td>
<td>19</td>
</tr>
<tr>
<td>Zirconia</td>
<td>26.9</td>
</tr>
<tr>
<td>Alumina</td>
<td>33.7</td>
</tr>
<tr>
<td>Titanium</td>
<td>38.0</td>
</tr>
<tr>
<td>Base Metal</td>
<td>37.8</td>
</tr>
<tr>
<td>Noble Metal</td>
<td>17.8</td>
</tr>
<tr>
<td>High Noble Metal</td>
<td>21.7</td>
</tr>
<tr>
<td>Lithium Disilicate</td>
<td>32.8</td>
</tr>
<tr>
<td>(IPS e.max)</td>
<td></td>
</tr>
<tr>
<td>Glass Ceramic</td>
<td>21.5</td>
</tr>
<tr>
<td>Composite</td>
<td>48.8</td>
</tr>
</tbody>
</table>

* BISCO recommends using phosphoric acid on uncut enamel.

Shear bond strength generated using the Ultradent method. Data on file. BISCO, Inc.

Microtensile Bond Strength on Dentin**

Dr. A. Wagner, Dr. R. Belli, Dr. J. Zorzin,
Prof. A. Petschelt, Prof. U. Lohbauer
(University of Erlangen, Germany)

** 37°C-water for 24 hours

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

ALL-BOND UNIVERSAL is compatible with 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!**

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Dentin Bond Strength Comparison: Indirect Restorations*

- **ALL-BOND UNIVERSAL** was cemented with DUO-LINK™, and ScotchBond™ Universal was cemented with RelyX™ ARC. Cements were self-cured.

- **DUO-LINK** was used with ALL-BOND UNIVERSAL, and Multilink® Automix was used with Multilink Primer A and B. Relyx Unicem 2 is a self-adhesive resin cement. Cements were self-cured. **DENTIN WAS NOT ETCHED.**
1. Treatment plan: lithium disilicate veneers #4-#13 with minimal preparations on enamel only.

2. A total etch technique was used with ETCH-37™ with BAC for 15 seconds and rinsed well.

3. ALL-BOND UNIVERSAL was applied liberally in several coats to a moist tooth surface.

4. ALL-BOND UNIVERSAL was air thinned, leaving a shiny surface.

5. CEMENT® L/C was applied to the tooth surface and each veneer was placed and light-cured.

6. The conservative veneers bonded to enamel provide long lasting, patient pleasing restorations.

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1. Preoperative view of teeth.

2. Preparations for zirconia-based crowns.

3. Application of Z-PRIME™ Plus to intaglio surface of zirconia crown.

4. Two coats of ALL-BOND UNIVERSAL in the self-etch mode applied, air dried and then light-cured for 10 seconds.

5. Application of DUO-LINK UNIVERSAL™ resin luting cement to intaglio surface of zirconia-based crown.

6. Final esthetic result.

Refer to complete instructions for use for detailed technique and instructions.
**ALL-BOND UNIVERSAL’S** single bottle system offers the compatibility and speed for everyday effective performance.

<table>
<thead>
<tr>
<th>ALL-BOND UNIVERSAL® BISCO</th>
<th>ALL-BOND UNIVERSAL® 3M ESPE</th>
<th>Optibond® XTR Kerr</th>
<th>Prime &amp; Bond Elect™ Dentsply Caulk</th>
<th>Clearfil™ Universal Bond Kuraray</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total-Etch &amp; Self-Etch</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Direct Restorations</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Indirect Restorations</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Compatible with Self-, Dual- and Light-Cure Materials</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✗</td>
</tr>
<tr>
<td>Single Bottle</td>
<td>✓</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>No Activator Required</td>
<td>✓</td>
<td>✗</td>
<td>✓</td>
<td>✗</td>
</tr>
<tr>
<td>Price Per Application</td>
<td>$</td>
<td>$$$</td>
<td>$</td>
<td>$$$</td>
</tr>
</tbody>
</table>

- Data compiled from respective manufacturer’s instructions for use.
- Trademarks are property of their respective owners.
- 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 Universal Bond requires a dual-cure activator.
- Price per application includes the cost of the activator.

### ORDERING INFORMATION

**ALL-BOND UNIVERSAL** Standard kit ........................................................................................................................................ B-72020K

1 Bottle ALL-BOND UNIVERSAL (6ml), 1 Syringe SELECT HV® ETCH w/ BAC (5g), Accessories, Instructions

**ALL-BOND UNIVERSAL** Bottle Package ..................................................................................................................................... B-7202P

1 Bottle ALL-BOND UNIVERSAL (6ml), Instructions

**ALL-BOND UNIVERSAL** Unit-Dose Packages

- 50 ALL-BOND UNIVERSAL Unit-Dose (0.20ml ea.), Accessories, Instructions ................................................................. B-73050K
- 100 ALL-BOND UNIVERSAL Unit-Dose (0.20ml ea.), Accessories, Instructions ................................................................. B-73100K

### TO ORDER CALL:

1-800-247-3368

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MC-2435AB