ETCH, CLICK & BOND:
FASTER & EASIER BONDING WITHOUT COMPROMISING
BOND STRENGTH OR DURABILITY

Rx Only
SUPERIOR CHEMISTRY, PROVEN STRENGTH.
NOW SIMPLIFIED!

ACE ALL-BOND TE is a universal total-etch bonding agent that lets you prime and bond in one application. ACE ALL-BOND TE chemistry is based on proven ALL-BOND 3® technology: an ethanol-based, dual-cured, total-etch adhesive. ACE ALL-BOND TE combines outstanding performance, versatility and durability.

ACE ALL-BOND TE BRINGS TOGETHER STATE-OF-THE-ART CHEMISTRY AND A REVOLUTIONARY DELIVERY SYSTEM... FOR BONDING LIKE YOU HAVE NEVER SEEN BEFORE!

ACE ALL-BOND TE is packaged in a proprietary cartridge for use in the ACE Dispenser, which proportionately dispenses Parts A & B, offering the benefits of a two-component adhesive with the simplicity of a one-bottle system.

**BENEFITS OF ACE ALL-BOND TE**

- One-layer adhesive, yet as durable as 2-layer adhesive systems
- Universal compatibility with all materials (light & dual cure) to all substrates
- Dual-cured with one-drop dispensing
- Minimized post-operative sensitivity¹
- Cross-linking monomers eliminate the need for a hydrophobic bonding resin layer

**Ordering Information**

ACE ALL-BOND TE Starter Kit
2 ACE ALL-BOND TE Cartridges (2ml ea., mixed), 1 ACE Dispenser,
1 Syringe UNI-ETCH w/BAC (5g), Accessories, Instructions/MSDS

4 Cartridge Package
4 ACE ALL-BOND TE Cartridges (2ml ea., mixed), Accessories, Instructions/MSDS

Ace Dispenser
1 ACE Dispenser, 1 Mixing Well, Instructions

1. Alessandra Reis, DDS, PhD, Diego Mânica, Franciele Ferneda, Roberto Amaral, DDS, MS, Rodrigo Stanislawczuk, DDS, MS, Adriana Manso, DDS, MS, Ricardo Marins de Carvalho, DDS, PhD & Alessandro D. Loguercio, DDS, MS, PhD. A 24-month randomized clinical trial of a two- and three-step etch-and-rinse technique. Am J Dent. 2010 Aug;23(4).

U.S. Patents: 5,348,988 5,789,610 5,270,351, 5,401,783 & 7,748,980.
Patent Pending.
ADHESION IS OUR PASSION

ACE ALL-BOND TE ONE-DROP DUAL-CURE SYSTEM BONDS TO A MULTITUDE OF DENTAL SUBSTRATES

Indications For Use:
- Direct Composite Restorations
- Composite Core Build-ups
- Indirect Restorations (Metal, Porcelain and Composite)
- Endodontic Post Bonding
- Porcelain Repair
- Composite Repair
- Composite to Metal/Set Amalgam (Direct Metal/Alloy Veneering)
- Desensitization of Crown Preparations Prior to Immediate Dentin Sealing/Provisionalization
- Exposed Root Desensitization

ACE ALL-BOND TE Bond Strength to Multiple Substrates (MPa)

<table>
<thead>
<tr>
<th>Substrate</th>
<th>Light-Cured</th>
<th>Shear bond strength generated using the Ultradent method.</th>
<th>*Shear bond strength generated using the #5 gel cap method.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uncut Enamel</td>
<td>33.1 (4.7)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dentin</td>
<td>40.04 (5.6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rexilium</td>
<td>25.6 (4.6)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Precious Alloy</td>
<td>25.7 (4.2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gold</td>
<td>23.6 (6.1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Titanium</td>
<td>26.83 (3.2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAPTEK with Opaquer*</td>
<td>31.99 (8.16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Porcelain</td>
<td>17.0 (1.5)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Numbers in parentheses indicate standard deviation. Data on file. BISCO, Inc.

BISCO’s 6 yearstudy of ALL-BOND 3 shows stable, high bond strengths with or without a resin layer. This is explained by the addition of patented highly cross-linking multifunctional monomers within ALL-BOND 3 primers that create instant hydrophobicity upon polymerization eliminating the need for an additional placement of a resin layer.

This provides a significant time savings for the clinician and eliminates concerns of film thickness issues. The incorporation of cross-linking monomers coupled with the innovative ACE dispenser, offers a compatible, single-drop, dual-cured, totaletch adhesive with proven BISCO quality.

The chart below compares 4th and 5th generation bonding agents to BISCO’s ACE® ALL-BOND TE™

<table>
<thead>
<tr>
<th>ACE® ALL-BOND TE™</th>
<th>Adper™ Scotchbond™ MP PLUS</th>
<th>Optibond® FL</th>
<th>Adper™ Single Bond Plus</th>
<th>Prime&amp;Bond® NT™</th>
<th>Optibond® Solo Plus™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Components</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td># of layers</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Delivery System</td>
<td>Cartridge</td>
<td>Bottles</td>
<td>Bottles or unit-dose</td>
<td>Bottles or unit-dose</td>
<td>Bottles or unit-dose</td>
</tr>
<tr>
<td>Solvent</td>
<td>Ethanol</td>
<td>Ethanol</td>
<td>Ethanol / water</td>
<td>Acetone</td>
<td>Ethanol</td>
</tr>
<tr>
<td>Indications</td>
<td>Universal</td>
<td>Universal</td>
<td>Directs only</td>
<td>Universal w/ RelyX™ ARC only</td>
<td>Universal w/ S/C Activator</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Universal w/ NX3 Nexus only</td>
<td></td>
</tr>
<tr>
<td>Dual-Cure</td>
<td>Yes</td>
<td>Yes*</td>
<td>No**</td>
<td>No</td>
<td>Yes¹</td>
</tr>
<tr>
<td>Compatible</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Yes²</td>
</tr>
<tr>
<td>Method of cure</td>
<td>Dual-Cure</td>
<td>Dual-Cure</td>
<td>Light-Cure</td>
<td>Light-Cure</td>
<td>Light-Cure</td>
</tr>
</tbody>
</table>

Data on file. BISCO, Inc.
Trademarks are property of their respective owners.

* Adper Scotchbond MP Plus requires an activator and catalyst.
** Optibond FL is not indicated for use with veneers.
¹ Prime&Bond NT requires a dual cure activator. Activator sold separately.
² Optibond Solo Plus requires the use of NX3 Nexus.
The following clinical case illustrates the use of ACE ALL-BOND TE total-etch adhesive system for a patient who is having veneers placed on the two maxillary central incisors. ACE ALL-BOND TE is a perfect adhesive for this indirect procedure as BISCO’s 6 year study has proven strength and durability without an additional resin layer, eliminating further film thickness.

**Courtesy of Dr. Ross Nash**

1. Each preparation is etched for 15 seconds and rinsed thoroughly. The preparation is treated with Cavity Cleanser™ (Chlorhexidine, BISCO).

2. ACE ALL-BOND TE is dispensed into a mixing well and uniformly mixed with a brush.

3. ACE ALL-BOND TE is applied to the tooth preparation and thoroughly air dried.

4. Light cure for 10 seconds or let self cure

5. The veneers were treated with Bis-Silane™ (BISCO) & Porcelain Bonding Resin (BISCO). Veneers are cemented using Choice™ 2 (BISCO). Excess material is removed.

6. Final veneer restoration immediately after placement.

**FOUNDATION FOR SUCCESS**

Tooth Preparation for Direct Composite Restorations, Core Build-ups and Indirect Restorations*

*Refer to complete instructions for use for detailed technique and instructions.

1. Etch the preparation using UNI-ETCH and rinse thoroughly

2. Remove excess water or suction leaving the preparation visibly moist

3. Dispense ACE ALL-BOND TE into mixing well

4. Mix ACE ALL-BOND TE with a brush

5. Apply ACE ALL-BOND TE onto the tooth preparation

6. Gently, but thoroughly air dry

7. Recommended: Light cure

8. Continue with placement of restorative material or cementation procedure