

ALL-BOND UNIVERSAL<sup>®</sup>

# The First TRULY Universal Dental Adhesive



1-800-247-3368  
[www.bisco.com](http://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

INDIRECT

FULL COMPATIBILITY

DIRECT

TOTAL-ETCH

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## 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

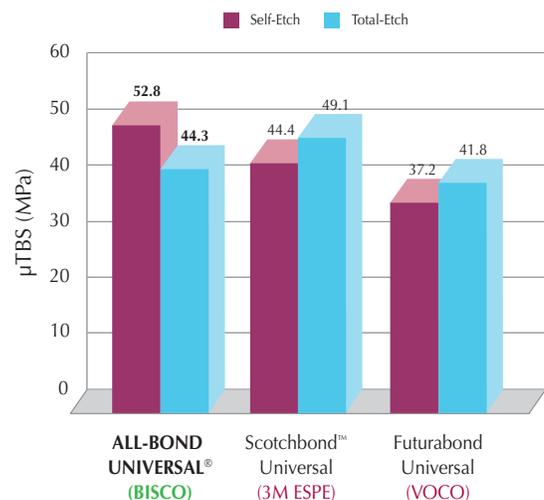
**Low film thickness** allows the adhesive to readily flow into etched surfaces and offers both chemical and mechanical sealing

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)

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

### Microtensile Bond Strength on Dentin\*\*



\*\* 37°C-water for 24 hours

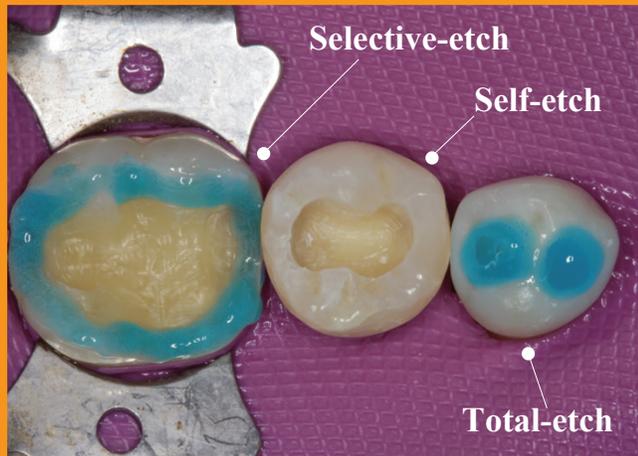
Dr. A. Wagner, Dr. R. Belli, Dr. J. Zorzin,  
Prof. A. Petschelt, Prof. U. Lohbauer  
(University of Erlangen, Germany)

Academy of Dental Materials 2013 Conference – Dent Mater 2013; 29s:e87-88

\* BISCO recommends using phosphoric acid on uncut enamel.

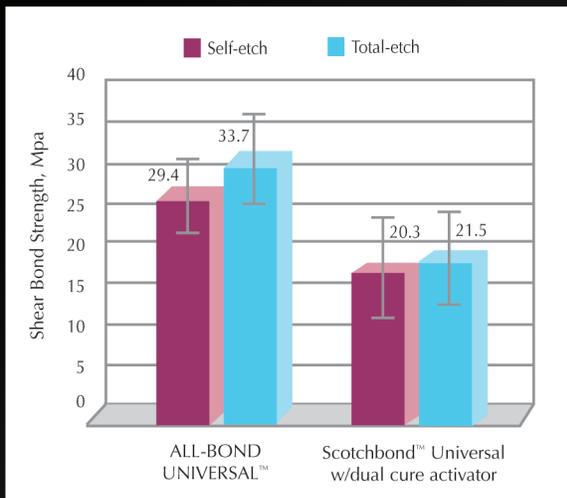
Shear bond strength generated using the Ultradent method. Data on file. BISCO, Inc.

# BISCO Takes Bonding Another Step Further



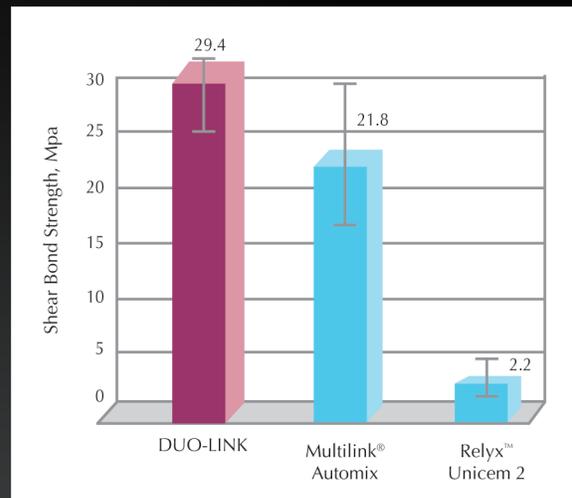
1. ALL-BOND UNIVERSAL offers the flexibility for total-, self- or selective-etch procedures.
2. ALL-BOND UNIVERSAL is compatible with light-cured, self-cured, and dual-cured resin composite and cement materials for all direct and indirect procedures.
3. Other single bottle adhesives may need more than 1 bottle for indirect restorations, but with ALL-BOND UNIVERSAL, **NO activator is required!**

## 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.

\*data on file



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.

# ALL-BOND UNIVERSAL®



## Total-etch Case

*Dentistry Courtesy of Jack D. Griffin Jr., DMD, MAGD, AAACD, ABAD*



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. eCEMENT® 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.

# ALL-BOND UNIVERSAL®



## Self-etch Case

*Dentistry Courtesy of Tyler Lasseigne, DDS, CDT*



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.

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

	ALL-BOND UNIVERSAL® BISCO	Scotchbond™ Universal 3M ESPE	Optibond® XTR Kerr	Prime & Bond Elect™ Dentsply Caulk	Clearfil™ Universal Bond Kuraray
Total-Etch & Self-Etch	✓	✓	✗ (self-etch only)	✓	✓
Direct Restorations	✓	✓	✓	✓	✓
Indirect Restorations	✓	✓*	✓	✓ <sup>▲</sup>	✓ <sup>■</sup>
Compatible with Self-, Dual- and Light-Cure Materials	✓	✗*	✓	✗ <sup>▲</sup>	✗ <sup>■</sup>
Single Bottle	✓	✓*	✗**	✓ <sup>▲</sup>	✓ <sup>■</sup>
No Activator Required	✓	✗*	✓	✗ <sup>▲</sup>	✗ <sup>■</sup>
Price Per Application	\$	\$\$\$ <sup>†</sup>	\$\$	\$\$\$ <sup>†</sup>	\$\$

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:

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