

# BISCO

# ETCHANTS

## w/BAC

BISCO etchants are formulated for etching the tooth structure prior to bonding and to be rinsed cleanly, leaving no residue.

	 <b>Select HV Etch w/BAC</b>	 <b>Uni-Etch w/BAC</b>
<b>Concentration</b>	35%	32%
<b>Semi-Gel or Gel</b>	Gel	Semi-Gel
<b>Viscosity</b>	High	Low
<b>Color</b>	Blue	Blue
<b>BAC</b>	Yes*	Yes*
<b>Bonding Technique</b>	Selective-Etch**	Total-Etch
<b>Etch Time (Total-Etch or Selective-Etch)</b>	15 Seconds	15 Seconds
<b>Indirect Restoration Cleaning Time</b>	30 Seconds***	30 Seconds***
<b>Easy Wash Off</b>	Yes	Yes

\* NOTE: Inclusion of BAC has not been shown to correlate with a reduction in secondary decay in patients. In-vivo clinical studies to evaluate the effects of BAC on oral bacteria or caries have not been performed.

\*\*Select HV Etch w/BAC is designed for the selective-etch technique but can be used via total-etch if desired.

\*\*\*Per the Instructions for Use, 30 seconds if used as a cleaning agent on dental restorative materials. Do not use on Zirconia.

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MC-50246ET Rx Only



# ETCHING PATTERN

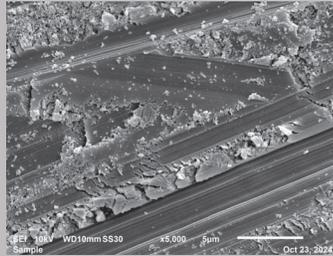
Microscopic images show the etching pattern on enamel and dentin for both BISCO etchants. On enamel, both etchants created micromechanical retention. On dentin, both etchants removed the smear layer and opened the dentinal tubules.



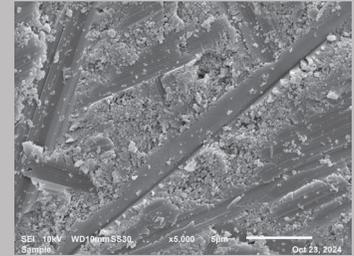
## ENAMEL

## DENTIN

No Etch

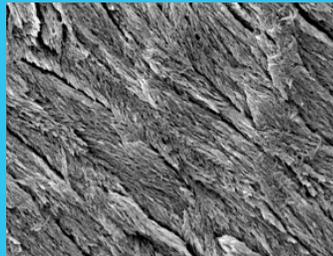


Enamel without etching

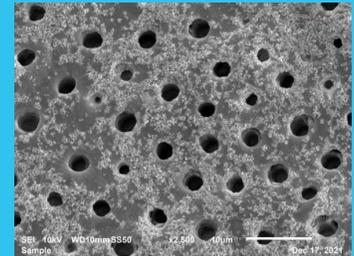


Dentin without etching

Select HV® Etch w/BAC

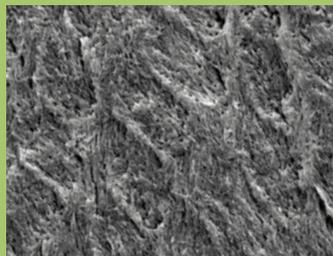


Micromechanical retention on enamel created by Select HV Etch w/BAC

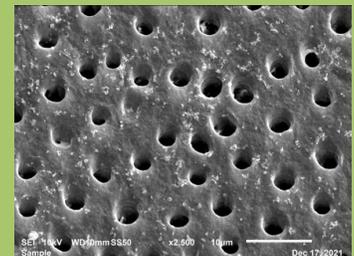


Smear layer removed and opened tubules on dentin created by Select HV Etch w/BAC

Uni-Etch® w/BAC

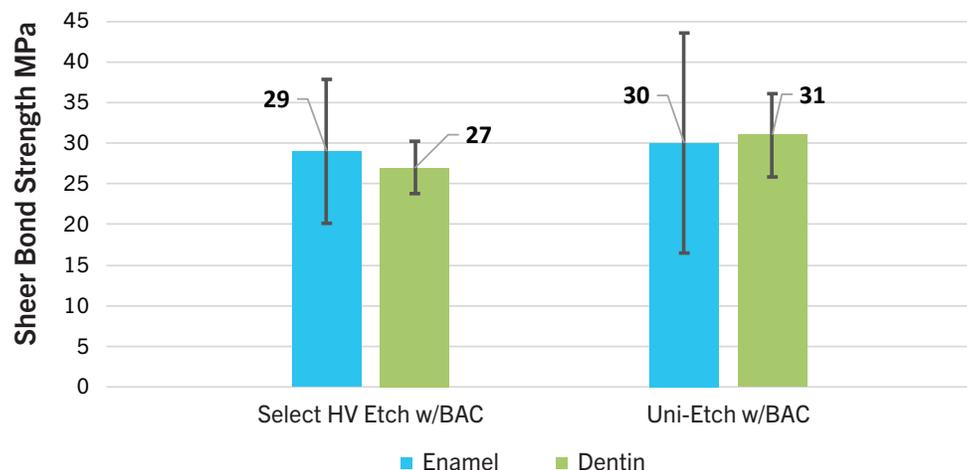


Micromechanical retention on enamel created by Uni-Etch w/BAC



Smear layer removed and opened tubules on dentin created by Uni-Etch w/BAC

## BISCO Etchants: Shear Bond Strength to Dentin & Enamel



Both BISCO etchants show equivalent shear bond strength (SBS) to enamel and dentin.<sup>1</sup>

1. BISCO has data on file

### Select HV® Etch w/BAC (35%)

<b>Select HV Etch w/BAC Syringe Pack</b> .....	E-59110P
4 Syringes Select HV Etch w/BAC (5g ea.), 50 Disposable Syringe Tips, Instructions	
<b>Select HV Etch w/BAC Bulk Syringe Kit</b> .....	E-59200K
1 Syringe Select HV Etch w/BAC (30ml), 30 Disposable Syringes, 30 Disposable Tips, Instructions	
<b>Select HV Etch w/BAC Bulk Syringe</b> .....	E-59160P
1 Bulk Syringe Select HV Etch w/BAC (30ml), Instructions	
<b>Select HV Etch Empty Syringe Accessory Pack</b> .....	X-80580P
30 Disposable Syringes, 30 Disposable Syringe Tips, Instructions	

### Uni-Etch® w/BAC (32%)

<b>Uni-Etch w/BAC Syringe Pack</b> .....	E-5502EBM
4 Syringes Uni-Etch w/BAC (5g ea.), 60 Disposable Syringe Tips, Instructions	
<b>Uni-Etch w/BAC Bulk Bottle</b> .....	E-5637EB
1 Bulk Bottle Uni-Etch w/BAC (30g), Instructions	
<b>Uni-Etch w/BAC Bulk Syringe</b> .....	E-56621P
1 Uni-Etch w/BAC Bulk Syringe (30ml), Instructions	
<b>Uni-Etch Empty Syringe Accessory Pack</b> .....	X-80582P
30 Disposable Syringes, 30 Disposable Syringe Tips, Instructions	

### Accessories

<b>Uni-Etch Light Blue Disposable Tips (25 Gauge)</b> .....	X-80611N
125 ct. Light Blue Phosphoric Etchant Syringe Tips (25 Gauge) used with Uni-Etch	
<b>Select HV Etch Blue Disposable Tips (22 Gauge)</b> .....	X-80608N
50 ct. Blue Disposable Syringe Tips (22 Gauge) used with Select HV Etch 5g Syringe	

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