

Adhesive Bonding Steps- Total Etch Technique

Variolink® Esthetic Adhesive Resin Cement Systems

1. Prepare Restoration Surface

Etch with IPS Ceramic Etching Gel (5% HF acid)
IPS e.max® = 20 secs., IPS Empress® = 60 secs.
Rinse & dry.



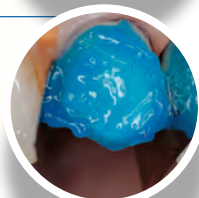
2. Prime

Apply Monobond Plus to etched ceramic surface
and allow to react for 60 secs, dry.



3. Etch Dentin & Enamel

Apply phosphoric acid to preparation surfaces.
Rinse and air dry leaving tooth structure moist.
Dentin: 10-15 sec. Enamel: 15-30 secs.



4. Apply Adhesive

Apply and scrub Adhese® Universal
into preparation for 20 secs. Thin with air for
2-3 secs. Light cure.



5. Seat Restoration

Load cement into restoration, seat and remove
excess. Light cure.



IPS Empress® / IPS e.max® Restoration

Internal Surface Etched with Hydrofluoric Acid

Silane Coupling Agent - Monobond® Plus

Variolink® Esthetic Cement

Bonding Agent - Adhese® Universal

Preparation Surfaces Etched with Phosphoric Acid

Tooth



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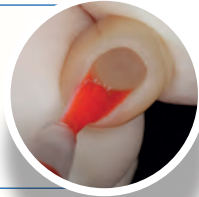


Adhesive Bonding Steps – Self Etch Technique

Multilink® Automix Adhesive Luting Composite System

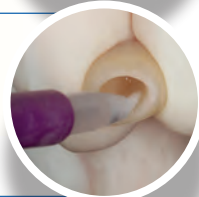
1. Prepare Restoration Surface

Etch with IPS Ceramic Etching Gel (5% HF acid)
IPS e.max = 20 secs., IPS Empress = 60 secs.
Rinse & dry.



2. Prime

Apply Monobond Plus to etched ceramic surface
and allow to react for 60 secs, dry.



3. Clean Preparation

After removal of provisional restoration, clean
preparation surface with water and air dry,
leaving tooth structure slightly moist.



4. Apply Adhesive

Mix 1:1 ratio of Multilink Self-Etch Primer A/B
and coat entire prep with mixture. Scrub mixture
into prep for 30 secs. starting with enamel.
Thoroughly air dry.



5. Seat Restoration

Load cement into restoration and seat. Remove
excess cement after light-curing each quarter
surface for 1-3 secs. to achieve gel-like
consistency. Light cure both sides for 20 secs each.



IPS Empress® / IPS e.max® Restoration

Internal Surface Etched with Hydrofluoric Acid

Silane Coupling Agent - Monobond® Plus

Multilink® Automix Cement

Self-Etching Bonding Agent - Multilink® Primer A/B

Preparation Surfaces Cleaned with Water

Tooth



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