The Strength is in the Preparation

Porcelain surface before being etched  After a 90-second application of Porcelain Etch and 5-second cleaning with phosphoric acid

Ultradent® Porcelain Etch, a buffered, 9% hydrofluoric acid, produces an optimal surface texture on silica-based ceramics after a 90-second application. Once rinsed and followed by a 60-second application of Ultradent® Silane, the highest porcelain-to-resin bond strengths can be achieved.

- Easy to control and place
- Will not stain composite or resin cement
- Yields highest porcelain-to-resin bond strengths

Ultradent Porcelain Etch is a buffered, 9% hydrofluoric acid that is ideal for intraoral and extraoral porcelain etching. It offers high visibility and is viscous enough to stay where it's placed.

For the best bond strengths, follow porcelain etching with an application of Ultradent Silane, a single-component coupling agent.

- Syringe/tip delivery eases placement
- 90-second etch, 60-second silane
- High porcelain-to-resin bond strengths
- Predictable, stain-free chemistries
- Stable formulation with long shelf life

For best results, use Porcelain Etch with the Inspiral® Brush tip and Silane with the Black Mini® Brush tip.

### KIT

**405 Porcelain Etch Kit**
- 2 x 1.2 ml Porcelain Etch syringes
- 2 x 1.2 ml Silane syringes
- 20 x Black Mini Brush tips
- 20 x Inspiral Brush tips

**MINI REFILL**

**406 Porcelain Etch 2pk**
- 2 x 1.2 ml syringes

**MINI REFILL**

**410 Silane 2pk**
- 2 x 1.2 ml syringes

### Ultradent® Porcelain Repair Kit

**1108 Ultradent Porcelain Repair Kit**

- 1 x 1.2 ml PermaFlo Dentin Opaquer syringe
- 1 x 1.2 ml EtchArrest syringe
- 1 x 1.2 ml OpalDam syringe
- 1 x 1.2 ml Peak Universal Bond Syringe
- 1 x 1.2 ml Porcelain Etch syringe
- 1 x 1.2 ml Ultradent Silane syringe
- 20 x Black Mini Brush tips
- 20 x Black Micro tips
- 20 x Micro 20ga tips
- 20 x Inspiral Brush tips

### Ultradent Porcelain Etch and Silane

Ultradent Porcelain Etch and Silane may also be used on lithium disilicate (IPS e.max®) restorations.

<table>
<thead>
<tr>
<th>Product</th>
<th>Instructed Etching Time</th>
<th>Coupling Agent</th>
<th>Shear Bond Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultradent Porcelain Etch (9% hydrofluoric acid)</td>
<td>90 seconds</td>
<td>Silane</td>
<td>44.30 MPa</td>
</tr>
<tr>
<td>IPS Ceramic Etching Gel (5% hydrofluoric acid)</td>
<td>20 seconds</td>
<td>Monobond® *Plus</td>
<td>28.63 MPa</td>
</tr>
</tbody>
</table>

*Data on file

*Registered trademark of a company other than Ultradent

Ultradent Porcelain Repair Kit ETCH, SILANE, BOND RESIN, and FLOWABLE COMPOSITE

The repair of a fractured porcelain veneer begins with Porcelain Etch. (Photo courtesy of Shannon Pace, CDA, GDO)