# 3M™ RelyX™ Cements

## Material Pretreatment Guide*

### 3M™ RelyX™ Universal Resin Cement

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Examples</th>
<th>Pretreatment</th>
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</thead>
</table>
| Glass Ceramics                | IPS e.max®, IPS Empress®, Celtra® Duo, VITABLOCS® Mark II                | **Step 1**: Etching with hydrofluoric (HF) acid  
**Step 2**: 3M™ Scotchbond™ Universal Plus Adhesive |
| Zirconia/Alumina/Metal (PFM)  | 3M™ Lava® Zirconia, 3M™ Chairside Zirconia, BruxZir® Zirconia            | **Step 1**: Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: (optional, recommended for veneers, table tops, adhesive bridges): 3M™ Scotchbond™ Universal Plus Adhesive |
| Composite/Hybrids             | 3M™ Lava™ Ultimate CAD/CAM Restorative, 3M™ Paradigm™ MZ100 Block, CeramX™ | **Step 1**: Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: 3M™ Scotchbond™ Universal Plus Adhesive |
| Fiber-reinforced Composite Post | 3M™ RelyX™ Fiber Post, 3M™ RelyX™ Fiber Post 3D                        | **Step 1**: Clean with Ethanol  
**Step 2**: For RelyX posts no primer required, for other Posts apply 3M™ Scotchbond™ Universal Plus Adhesive |

### 3M™ RelyX™ Ultimate Adhesive Resin Cement

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</table>
| Glass Ceramics                | IPS e.max®, IPS Empress®, Celtra® Duo, VITABLOCS® Mark II                | **Step 1**: Etching with hydrofluoric (HF) acid  
**Step 2**: 3M™ Scotchbond™ Universal Adhesive |
| Zirconia/Alumina/Metal (PFM)  | 3M™ Lava® Zirconia, 3M™ Chairside Zirconia, BruxZir® Zirconia            | **Step 1**: Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: 3M™ Scotchbond™ Universal Adhesive |
| Composite/Hybrids             | 3M™ Lava™ Ultimate CAD/CAM Restorative, 3M™ Paradigm™ MZ100 Block, CeramX™ | **Step 1**: Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: 3M™ Scotchbond™ Universal Adhesive |
| Fiber-reinforced Composite Post | 3M™ RelyX™ Fiber Post, 3M™ RelyX™ Fiber Post 3D                        | **Step 1**: Clean with Ethanol  
**Step 2**: 3M™ Scotchbond™ Universal Adhesive |

### 3M™ RelyX™ Unicem 2 Self-Adhesive Resin Cement

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</table>
| Glass Ceramics                | IPS e.max®, IPS Empress®, Celtra® Duo, VITABLOCS® Mark II                | **Step 1**: Etching with hydrofluoric (HF) acid  
**Step 2**: Apply Silane, e.g. 3M™ RelyX™ Ceramic Primer |
| Zirconia/Alumina/Metal (PFM)  | 3M™ Lava® Zirconia, 3M™ Chairside Zirconia, BruxZir® Zirconia            | Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: For RelyX posts – no primer required, for other Posts follow manufacturer instructions |
| Fiber-reinforced Composite Post | 3M™ RelyX™ Fiber Post, 3M™ RelyX™ Fiber Post 3D                        | **Step 1**: Clean with Ethanol  
**Step 2**: For RelyX posts – no primer required, for other Posts follow manufacturer instructions |

### 3M™ RelyX™ Luting Plus Resin Modified Glass Ionomer Cement

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</table>
| Zirconia/Alumina/Metal (PFM)  | 3M™ Lava® Zirconia, 3M™ Chairside Zirconia, BruxZir® Zirconia            | Sandblasting with aluminum oxide 30-50µm at 30 psi (2 bar)  
**Step 2**: For RelyX posts – no primer required, for other Posts follow manufacturer instructions |

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**Note:** These recommendations are specific to the RelyX™ branded products manufactured by 3M Oral Care and should be followed unless indicated differently by the manufacturer of the restoration material being used. For questions, contact 3M Customer Care at 1-800-634-2249.

* For complete list of indications, please refer to product’s Instruction for Use.

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