

Cement and Pretreatment Guide*

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



Material Type	Examples	Pretreatment
Zirconia (non-etchable, high-strength)	3M™ Lava™ Plus High Translucency Zirconia, BruxZir®	Sandblasting ($\leq 50 \mu\text{m}$), 2 bar, clean with Ethanol <i>Alternatively: silicatisation with 3M™ Rocatec™ Universal Bonding System and silanisation</i>
Alumina (non-etchable, high-strength)	Procera® AllCeram	Sandblasting ($\leq 50 \mu\text{m}$), 2 bar <i>Alternatively: silicatisation with Rocatec system and silanisation</i>
Fiber Reinforced Composite Post	3M™ RelyX™ Fiber Post 3D Glass Fiber Post	3M™ RelyX™ Fiber Post 3D Glass Fiber Post: clean with Ethanol

3M™ RelyX™ Ultimate Adhesive Resin Cement



Material Type	Examples	Pretreatment
Etchable Glass Ceramics – feldspathic, leucite reinforced and lithium disilicate	VITABLOCKS® MARK II, IPS E.MAX®, IPS EMPRESS®	Step 1: Etching with hydrofluoric (HF) acid Step 2: 3M™ Scotchbond™ Universal Adhesive
Resin Nanoceramics	3M™ Lava™ Ultimate CAD/CAM Restorative, Cerasmart™	Step 1: Sandblasting ($\leq 50 \mu\text{m}$), 2 bar Step 2: 3M™ Scotchbond™ Universal Adhesive
Composite	3M™ Paradigm™ MZ100 Block	Step 1: Sandblasting ($\leq 50 \mu\text{m}$), 2 bar Step 2: 3M™ Scotchbond™ Universal Adhesive

3M™ Ketac™ Cem Plus Resin Modified Glass Ionomer Cement



Material Type	Examples	Pretreatment
Metal, PFM	—	Sandblasting ($\leq 50 \mu\text{m}$), 2 bar, clean with Ethanol

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 complete list of indications, please refer to product's Instruction for Use.

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