



TYPE OF CERAMIC	TYPE OF RESTORATION	BONDED OR CEMENTED	CEMENTATION PROTOCOL	SUGGESTED CEMENTS
<b>FELDSPATHIC</b> - Cerec Bloc (Sirona) - Vitablocs (VITA)	Inlays Onlays Crowns Veneers (excluding 2nd molar crowns)	Bond, then resin the cement	<b>TOOTH SURFACE:</b> 1. Etch with phosphoric acid 2. Rinse 3. Apply bonding agent (4th or 5th generation)  <b>CERAMIC INTERNAL SURFACE:</b> 4. Etch with HF at lab 5. Silanate chairside 6. Cement with light-cure or dual-cure cement	- 3M ESPE Relay X Veneer Cement with 3M ESPE Adper Single Bond Plus - Calibra with Prime and Bond NT (DENTSPLY Caulk) - Multilink Automix (Ivoclar Vivadent) - NX3 with OptiBond Solo Plus (Kerr Corp) - Variolink II with Excite (Ivoclar Vivadent)
<b>HIGH LEUCITE</b> - Authentic (Jensen Industries) - Avante (Pentron Ceramics) - Cerpress SL (Leach and Dillon) - Creation CP (Jensen Industries) - Finesse All-Ceramic (DENTASPLY Ceramco) - HD17 CAM Blocks (Benco Dental) - IPS Empress (Ivoclar Vivadent) - IPS Empress CAD (Ivoclar Vivadent) - Luminesse Pressable Porcelain (Talladium) - OPC (Pentron Ceramics) - Paradigm C (3M ESPE)	Inlays Onlays Crowns Veneers (excluding 2nd molar crowns)	Bond, then resin the cement	<b>TOOTH SURFACE:</b> 1. Etch with phosphoric acid 2. Rinse 3. Apply bonding agent (4th or 5th generation)  <b>CERAMIC INTERNAL SURFACE:</b> 4. Etch with HF at lab 5. Silanate chairside 6. Cement with light-cure or dual-cure cement	- 3M ESPE Relay X Veneer Cement with 3M ESPE Adper Single Bond Plus - Calibra with Prime and Bond NT (DENTSPLY Caulk) - Multilink Automix (Ivoclar Vivadent) - NX3 with OptiBond Solo Plus (Kerr Corp) - Variolink II with Excite (Ivoclar Vivadent)
<b>LITHIUM DISILICATE</b> - 3G (Pentron Ceramics) - IPS e.max Press (Ivoclar Vivadent) - IPS e.max CAD (Ivoclar Vivadent)	Anterior & Posterior crowns, 3 unit bridges up to 2nd bicuspid	Bond, then resin the cement	<b>TOOTH SURFACE:</b> 1. Etch with phosphoric acid 2. Rinse 3. Apply bonding agent (4th or 5th generation)  <b>CERAMIC INTERNAL SURFACE:</b> 4. Etch with HF at lab 5. Silanate chairside 6. Cement with light-cure or dual-cure cement  <b>OR</b> 1. Use self-adhesive resin cement	- 3M ESPE Relay X Veneer Cement with 3M ESPE Adper Single Bond Plus - Calibra with Prime and Bond NT (DENTSPLY Caulk) - Linkmax (GC America) - Multilink Automix (Ivoclar Vivadent) - NX3 with OptiBond Solo Plus (Kerr Corp) - Panavia F 2.0 (Kuraray America) - Variolink II with Excite (Ivoclar Vivadent) <b>OR</b> - 3M ESPE Rely X Unicem Self-Adhesive Universal Resin Cement - G-CEM (GC America) - Maxcem Elite (Kerr Corp.) - SMARTCEM 2 (DENTSPLY Caulk) - seT (SDI North America, Inc.)
<b>ALUMINA</b> - In-Ceram ALUMINA (Vident) - Procera (Nobel Biocare)	Anterior & Posterior crowns 3-6 unit bridges	Cement (Good retention cases)	No etching or bonding. Use a self-adhesive resin cement, resin-modified glass ionomer cement or traditional C&B cement	- 3M ESPE DURELON - 3M ESPE Rely X ARC adhesive Resin Cement - 3M ESPE Rely X Unicem Self-Adhesive Universal Resin Cement - G-CEM (GC America) - GC Fuji Plus (GC America) - Multilink Automix (Ivoclar Vivadent)
<b>ZIRCONIA</b> - CERCON (DENTSPLY Ceramco) - EVEREST (KaVo) - IPS e.ZirCad (Ivoclar Vivadent) - Lava (3M ESPE) - Procera (Nobel Biocare) - ZENO (Wieland) - BruxZir	Anterior & Posterior crowns 3 unit bridges Implants Maryland bridges	Cement	No etching or bonding. Use a self-adhesive resin cement, resin-modified glass ionomer cement or traditional C&B cement	- 3M ESPE DURELON - 3M ESPE Rely X Unicem Self-Adhesive Universal Resin Cement - G-CEM (GC America) - GC Fuji Plus (GC America) - Maxcem Elite (Kerr Corp.) - SMARTCEM 2 (DENTSPLY Caulk) - seT (SDI North America, Inc.)