

EASYGuide to Cements

| Type of Ceramic | Type of Restoration | Bonded or Cemented | Cementation Protocol | Suggested Cements |
|--|--|--|--|---|
| High Leucite | | | | |
| <ul style="list-style-type: none"> •IPS Empress (Ivoclar Vivadent) | Inlays, Onlays, Crowns, Veneers (excluding 2 nd molar crowns) | Adhesively Bond | <ol style="list-style-type: none"> 1. Etch with phosphoric acid 2. Rinse 3. Apply bonding agent (4th or 5th generation) 4. Cement with light-cured or dual-cured cement | <ul style="list-style-type: none"> •Variolink Veneer (Ivoclar) •Variolink II with Excite (Ivoclar) •RelyX veneer with Adper Single Bond Plus (3M ESPE) •NX3 with Optibond Solo Plus (Kerr Corp.) •Callbra with Prime and Bond NT (Dentsply) |
| Lithium Disilicate | | | | |
| <ul style="list-style-type: none"> •IPS E.Max Press (Ivoclar) •IPS E.Max CAD (Ivoclar) | Anterior and Posterior Crowns, 3-unit bridge up to 2 nd bicuspid | Adhesively Bond or Conventional cement | <ol style="list-style-type: none"> 1. Etch with phosphoric acid 2. Rinse 3. Apply bonding agent (4th or 5th generation) 4. Cement with light-cured or dual-cured cement or use self-adhesive resin cements | <ul style="list-style-type: none"> •Multilink Automix (Ivoclar) •Variolink II with Excite (Ivoclar) •RelyX Unicem (3M ESPE) •RelyX Veneer with Adper Single Bond Plus (3M ESPE) •Panavia F2.0 (Kuraray America) •Maxcem Elite (Kerr Corp.) •NX3 with Optibond Solo Plus (Kerr Corp.) •Callbra with Prime and Bond NT (Dentsply) |
| <ul style="list-style-type: none"> •IPS E.Max Veneers (Ivoclar) | Anterior Thin Veneers | Adhesively Bond | Same as IPS Empress | <ul style="list-style-type: none"> •Variolink Veneer (Ivoclar) •RelyX Veneer with Adper Single Bond Plus (3M ESPE) |
| Zirconia | | | | |
| <ul style="list-style-type: none"> •Procera (Nobel Biocare) •Lava (3M ESPE) •CERCON (DENTSPLY Ceramco) •IPS E.Max ZirCAD (Ivoclar) •3D Zircrown or Brux-Zir Full Contour Zirconia Crown | Anterior and posterior Crowns, 3 & 4-unit Bridges (span length 44mm), Implants, Maryland bridges | Conventionally cement | No etching use a Self-adhesive universal resin cement or Resin-modified glass ionomer Cement or resin cement with Ceramic primer and bonding agent | <ul style="list-style-type: none"> •Multilink Automix (Ivoclar) •Speed Cem (Ivoclar) •RelyX Unicem (3M ESPE) •GC FujiCEM Automix (GC America) •Maxcem Elite (Kerr Corp.) •Breeze (Pentron) •Clearfil Esthetic cement (Kuraray America) |