RelyX™ Unicem Self-Adhesive Universal Resin Cement
Aplicap™ / Maxicap™

Metal, Composite, Ceramic

Inlays
Onlays
Crowns
Bridges
Posts

NO LENTULO!
Pretreatment of Indirect Restorations

Pretreatment Recommendations

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Pretreatment</th>
<th>Examples</th>
</tr>
</thead>
</table>
| Metal, PFM                           | 1. Sand blast with aluminum oxide ≤ 40 µm  
2. Clean with alcohol, rinse, dry | IPS Empress, Empress 2, Feldspathics, InCeram alumina or zirconia              |
| Glass, ceramic (etchable)            | 1. Etch with HF acid  
2. Rinse 15(s), dry with air free of oil  
3. Silane treatment | Lava™ Crowns & Bridges                                                             |
| Zirconia (non-etchable, high-strength) | 1. Sand blast with aluminum oxide 40 µm  
2. Clean with alcohol and dry  
Optional: For increased adhesion, treat internal surface with Rocatec™ or Co-Jet™ followed by silane treatment. | Procera AllCeram                                                                        |
| Aluminia (non-etchable, high-strength) | 1. Sand blast with aluminum oxide 40 µm  
2. Clean with alcohol and dry  
(Optional: treatment with Rocatec or Co-Jet followed by silane treatment) | Sinfony, Artglass, Belleglass, Paradigm™ MZ100 for CEREC                             |
| Composite                            | 1. Sand blast with aluminum oxide 40 µm  
2. Clean with alcohol and dry  
(Surface can also be silane treated — recommendations vary by mfr.) | RelyX Fiber Post* DT Light Post, Para Post, Fibrekor, FRC Post, etc.               |
| Glass Fiber Reinforced Posts         | 1. Clean post with alcohol, air dry  
2. Apply silane according to post instructions for use |                                                                              |

*RelyX Fiber Post does not require silane pretreatment when cemented with RelyX Unicem cement.
RelyX™ Unicem Self-Adhesive Universal Resin Cement
Aplicap™ /Maxicap™

Indicated for Final Cementation of:
- Metal and porcelain-fused-to-metal crowns, bridges, inlays and onlays.
- All-ceramic/composite crowns, bridges, inlays and onlays.
- Strengthened core ceramic crowns and bridges.
- Pre-fabricated and cast posts and pins.
- CAD/CAM milled composites, ceramic.

Preparation:
- Remove provisional restoration and all temporary cement residue.
- Trial fit the restoration and clean thoroughly.

Pretreatment of Tooth:
- Use a pumice slurry, rinse, lightly dry. **Do Not Overdry.**

Note: Please Follow the Instructions for Use. 
H₂O₂ should not be used. The use of substances such as desensitizers, disinfectants, astringents, and dentin sealants, etc., after final cleaning with pumice paste and water is not recommended. Their residues may have a detrimental effect on the bonding strength and setting reaction of the cement.

Pretreatment of Restoration:
See pretreatment recommendations table or instructions for use.

Activation:
- Insert capsule into Activator.
- Press down handle **completely and hold for 2-4 seconds.**

Mixing:
- Insert activated capsule into mixing device (triturator/amalgamator).
- Mix 10 seconds for 3M™ ESPE™ RotoMix™ Capsule Mixing Unit.
- Mix 15 seconds at highest speed for other mixing devices.
Dispensing:
- Remove capsule from mixing device and insert into Applier.
- Open nozzle and dispense cement directly onto bonding surface of restoration or directly onto tooth surface for inlays and onlays. For posts and pins, do not use a Lentulo-Spiral.
- Working time from start of mix:
  - Aplicap 2:00 min.
  - Maxicap 2:30 min.

Placement:
- Seat restoration and hold in place with light pressure.
- Excess cement is best removed in the cement’s gel state with scaler or explorer. Tack cure excess with light for 2 seconds or allow to self-cure for 2–3 minutes from start of mix.
- It is important to check occlusion after the cement is set so that the cement is not disrupted.

Final Cure:
- For translucent ceramic restorations, light-cure each surface for 20 seconds.
- For all others, allow cement to self-cure
  - Aplicap 5:00 min. from start of mix.
  - Maxicap 6:00 min. from start of mix.

Finish and Polish:
- Insure all excess cement is removed.
- Adjust occlusion.
- Finish exposed surfaces using appropriate instrument and polishing paste.
- Finish proximal surfaces using 3M™ ESPE™ Sof-Lex™ Discs and Strips.

RelyX™ Unicem Self-Adhesive Universal Resin Cement
Aplicap™/Maxicap™