An inseparable bond: PermaCem 2.0 & Zirconia
The next generation of self-adhesive luting cement from DMG

PermaCem 2.0 is proven to provide one of the strongest bonds to Zirconium restorations compared to the other leading self-adhesive cements. With a specially developed adhesive monomer formula, the material’s dual-curing properties offer an exceptional bond across all substrates.

Whether it’s PFM, PTM or Zirconium restorations, give your patients the best seat in the house while delivering the utmost in strength, stability and esthetics with PermaCem 2.0.

**Superior adhesive strength**

**Adhesive monomer formula**
- Delivers outstanding adhesive strength with zirconia, silicate ceramics and oxide ceramics
- Strong adhesion even on metal and metal alloys
- Reliably adheres glass fiber reinforced root posts and composite restorations
- Permanent bonds created with enamel and dentin
- Exhibits superior adhesive strength on precious and non-precious metal

**Features & Benefits**
- One of the strongest self-adhesive bonds to Zirconium available
- Easy clean-up formulation
- New adhesive monomer formula
- Bonds to all substrates
- No etching step needed
- Low water sorption rate

**Unique, easy clean-up formula**

A thin and continuous cement coating facilitates an ideal combination of stability and flowability, time saving application.

PermaCem 2.0 exhibits exceptional flowability under pressure and provides the fastest and easiest excess removal of all other self-adhesive cements.
Multiple indications, one cement

Minimal water sorption
- Improved esthetics
- Greater reliability
- Good control of expansive forces

Convenient patient treatment
With practical working times for a convenient course of treatment, PermaCem 2.0 offers a reduction in operational steps, plus, multiple-step operations/restorations can be quickly applied while avoiding cementation errors.

Working times with PermaCem 2.0

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>$\approx 1:00$ min</td>
<td>Processing time (including mixing time)</td>
</tr>
<tr>
<td>0:30-1:00 min</td>
<td>Removal of excess (without light curing)</td>
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<tr>
<td>1-2 s</td>
<td>Pre-light curing to make removal of excess fast and easy (optional)</td>
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<tr>
<td>7:00 min</td>
<td>Max. intraoral curing time (including mixing)</td>
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<tr>
<td>min. 20 s</td>
<td>Light curing time (optional)</td>
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</tbody>
</table>

Superior compressive strength
- Reliability at 249 MPa*
- Dependable, long term adhesion

*Internal measurements DMG, Hamburg 2011

Outstanding radiopacity
- Easy identification of marginal gap
- Quality and clinical diagnosis
- Reliable monitoring, even of post-endodontic restorations

Excellent shade stability
- Shade fastness verified to comply with ISO 4049:2009
- Long-lasting, esthetic ceramic restorations

G-CEM™ is a trademark of GC America. iCem™ is a trademark of Heraeus Kulzer. Maxcem™ is a trademark of Kerr Corporation. RelyX Unicem 2 Automix is a registered trademark of 3M ESPE. SmartCem 2 is a registered trademark of DENTSPLY.
Cementation Simplified

A ceramic inlay will correct the amalgam restoration in tooth #14.

A single step- Heavy/Light Body impression is taken.

After placement of a matrix PermaCem 2.0 is placed.

The pre-treated inlay is inserted and light cured.

Excess cement is easily removed.

The restoration upon completion.

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### Ordering Information

<table>
<thead>
<tr>
<th>Item#</th>
<th>Product</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>213366</td>
<td>Shade A2 Universal</td>
<td>1-9g Smartmix Syringe, 15 Smartmix Tips - Standard, 5 Smartmix Tips - Endo M</td>
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<tr>
<td>213367</td>
<td>Shade A3 Opaque</td>
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<tr>
<td>213368</td>
<td>Shade Transparent</td>
<td>1-9g Smartmix Syringe, 15 Smartmix Tips - Standard, 5 Smartmix Tips - Endo M</td>
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<td>213373</td>
<td>Smartmix Tips - Endo M</td>
<td>Bag of 20 Tips</td>
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<tr>
<td>212040</td>
<td>Smartmix Tips - Standard</td>
<td>Bag of 50 Tips</td>
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