Ketac™ Cem Radiopaque
Glass Ionomer Luting Cement

Ketac™ Cem Radiopaque is 3M ESPE’s proven and versatile powder/liquid glass ionomer cement, suitable for the definite fixation of a wide range of restoration materials. It provides high fluoride release plus optimal fit and margin integrity – hence, an optimal combination of desirable practical features.

**Indications:**
- Inlay/onlay, crown/bridge cementation – made of metal/PFM or all-alumina or all-zirconia strengthened core ceramics
- Post and screw cementation
- Orthodontic bands
- Cavity lining

**Features & Benefits:**
- High fluoride release
- Bonds to enamel and dentin for reduced microleakage
- High biocompatibility
- Extremely low film thickness optimizes fit and marginal integrity
- Excellent mechanical properties allow use for long-spanning bridges
- High radiopacity

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**Bonding power, reliable performance.**

Working time (incl. mixing): 3:30 min.
Setting time (from start of mix): 7:00 min.
Ketac™ Cem Radiopaque Technique

1. Prep the tooth.
2. Thoroughly clean preparation with water.
4. Dry the restoration with air.
5. Shake powder in bottle to fluff. Dispense 1 level scoop of powder.
6. Dispense 2 drops liquid.
7. Add powder to liquid in one portion and mix. When properly mixed, material should stretch 1/2" from pad or slab.
8. Place a thin, even layer of cement on inner surface of restoration. Do not use the mixture if it has lost its gloss.
9. Seat the restoration without pressure.
10. Remove excess.

Ordering Information

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Product Information</th>
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</thead>
<tbody>
<tr>
<td>37201</td>
<td>Introductory Kit: 1 powder 33 g, 1 liquid 12 ml, 1 mixing pad</td>
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<tr>
<td>37231</td>
<td>Triple Pack: 3 powder – 33 g each, 3 liquid – 12 ml each, 1 mixing pad</td>
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<tr>
<td>37251</td>
<td>Giant Pack: 10 powder – 33 g each, 10 liquid – 12 ml each, 5 mixing pads</td>
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<tr>
<td>37211</td>
<td>Powder Refill: 1 powder 33 g</td>
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<tr>
<td>37221</td>
<td>Liquid Refill: 1 liquid 12 ml</td>
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3M ESPE Customer Care Center: 1-800-634-2249        Visit www.3MESPE.com/KetecCem