Zinc Polycarboxylate Cement

Product Description

This cement builds on the proven performance of zinc polycarboxylate cements. In addition to the excellent biocompatibility inherent in such cements it has enhanced mechanical strength and erosion resistance due to the addition of sodium fluoride.

Features and Benefits

- Easy mixing - To reduce surgery time
- Adhesive to enamel, dentine and non precious metals - Wide range of uses
- Contains no phosphoric acid - Minimal pulpal reaction
- Radiopaque - Shows clearly under x-ray

Product Indications

- Cementation of crowns and bridges
- Cementation of inlays and onlays
- Orthodontic cementation of bands and brackets
- Base or lining material under composite, amalgam or glass ionomer
- Temporary filling material

Typical Properties of Zinc Polycarboxylate Cement

<table>
<thead>
<tr>
<th>Property</th>
<th>ISO 9917:2007 Classes 4.2 a &amp; b</th>
<th>Typical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Working Time</td>
<td>---------------</td>
<td>3 mins 35 secs</td>
</tr>
<tr>
<td>Net Setting Time</td>
<td>2 min 30 secs – 8 mins</td>
<td>5 mins</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>50 MPa minimum</td>
<td>96 MPa</td>
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<tr>
<td>Film Thickness</td>
<td>25µm</td>
<td>15µm</td>
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</tbody>
</table>

Product Code: 078XPL - 90g powder/30ml liquid
079X1 – 50g water mix

Shelflife
5 years from the date of manufacture when supplied in AHL’s standard packaging. (078XPL)
2 years from the date of manufacture when supplied in AHL’s standard packaging. (079X1)