Light Cured Glass Ionomer Restorative Cement (Powder/Liquid)

Product Description

A light curing, resin reinforced glass ionomer restorative. The material feature both chemical and light curing mechanisms to ensure the best mix of early strength and command setting. Offering both excellent compressive and flexural strengths to provide durable restorations. High shear bond strength to both dentine and enamel ensures great adhesion to the natural tooth structure. Contains a high level of fluoride. Available in four popular Vita shades to enable accurate match to the natural tooth structure.

Features and Benefits

- Dual Curing Mechanism - Provides strength and control
- High Compressive Strength - Offers good compression resistance
- High Flexural Strength - Gives good flexibility in the key areas
- Excellent Shear Bond Strength - Great adhesion to tooth structure
- Four Popular Shades - Accurate colour matching
- Radiopaque - Shows up on radiographs
- HEMA Free - Low allergy risk
- Easy Mixing - Good handling characteristics

Product Indications

- Deciduous cavity restoration
- Class V/cervical lesions and small single surface class I or II cavities in adult teeth
- Glass ionomer/composite “sandwich” restorations
- ART or minimally invasive procedures
- Situations where cariostatic activity is required

Typical Properties of AHfil LC

<table>
<thead>
<tr>
<th>Property</th>
<th>ISO9917-2:2010 Class 4.2c</th>
<th>Typical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexural Strength</td>
<td>25MPa</td>
<td>55MPa</td>
</tr>
<tr>
<td>Compressive Strength</td>
<td>---</td>
<td>221MPa</td>
</tr>
<tr>
<td>Shear Bond Str (Dentine)</td>
<td>---</td>
<td>11.7MPa</td>
</tr>
<tr>
<td>Shear Bond Str (Enamel)</td>
<td>---</td>
<td>12.1MPa</td>
</tr>
</tbody>
</table>

Product Presentation: 15g Powder / 7mL Liquid
Available in the following shades: AH0300 - A2, AH0301 - A3, AH0302 - A3.5, AH0303 - B2
Shelf life: 3 years from the date of manufacture when supplied in AHL’s standard packaging.