Looking for confidence in luting?

Fuji PLUS from GC.

Your answer to post-operative sensitivity, marginal discoloration and de-bonding. Combining the advantages of glass ionomer with the benefits of resin chemistry.
GC Fuji PLUS, your first choice luting cement

Fuji PLUS has been designed to offer you simple and error-free cementation procedures and a strong and durable bond you can rely on.

15 years of confidence and reliability

Fuji PLUS is a resin modified glass ionomer luting cement that has consistently delivered stress-free cementation for routine crown and bridge restorations. It provides the highest level of confidence through exceptional long-term clinical results.¹ This is the reason why thousands of dentists all over the world have made Fuji PLUS their number 1 luting cement.

According to Reality evaluation updated in 2009:
“Hand-mixed or automix capsules, nice consistency that allows easy seating of restorations, has moderate translucency so it won’t show as a white line on a visible butt joint porcelain margin, and is not runny”.

A perfect consistency

Fuji PLUS features finely ground glass fillers which help to create an exceptionally smooth and creamy mix of cement. The resulting flow characteristics and a low 10 micron film thickness mean Fuji PLUS offers smooth seating for all your crown, bridge and post/core restorations.

Snap set

Excess removal after 60 seconds.
Fuji PLUS features unique snap set characteristics that allow excess cement to be removed with ease, just 60 seconds after seating. Should a slower set be required, Fuji PLUS capsules can be refrigerated to extend the working and setting times.
Proven clinical performance teamed with unrivalled ease of use

Universal

Wide range of indications
- Cementation of all types of metal, porcelain fused to metal and resin crowns, inlays, onlays and bridges\(^1\)
- Cementation of porcelain inlays
- Cementation of all types of core material including prefabricated pins, posts and cast posts
- Cementable reinforced all-ceramic crowns and bridges (e.g. Procera)

Security

Moisture tolerant
Fuji PLUS is moisture tolerant during placement and will chemically bond to dentin, enamel and cementum. The predictable seal ensures the incidence of post operative sensitivity is extremely low.

Fluoride release
Ongoing fluoride release\(^3\) provides continuous protection. The acid resistance\(^4\) of Fuji PLUS means excellent long-term marginal integrity and maintenance of the seal.

Strength

High cohesive strength
The use of resin modified technology in Fuji PLUS results in a significant increase in the cohesive strength of the cement structure. This accentuates the adhesive benefits of the glass ionomer chemistry, increasing the retentive strength\(^5\) of the cement.

Fluoride release

<table>
<thead>
<tr>
<th>Days</th>
<th>Cumulative Fluoride release (µg/cm(^2))</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>50</td>
</tr>
<tr>
<td>20</td>
<td>100</td>
</tr>
<tr>
<td>50</td>
<td>200</td>
</tr>
<tr>
<td>100</td>
<td>250</td>
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</tbody>
</table>

Source: GC R&D internal data, test details available on demand

Tensile Bond Strength

<table>
<thead>
<tr>
<th>Tensile bond strength (MPa)</th>
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</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>Fuji PLUS (PL)</td>
</tr>
<tr>
<td>RelyX Luting Plus</td>
</tr>
<tr>
<td>Ketac Cem Plus</td>
</tr>
<tr>
<td>RelyX Luting</td>
</tr>
<tr>
<td>Riva Luting</td>
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<tr>
<td>Panavia F2.0</td>
</tr>
</tbody>
</table>

Source: GC R&D internal data, test details available on demand

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\(^3\) Fluoride release of resin-reinforced glass ionomer cements, H. Nakaseko, S. Tosaki and K. Hirota. IADR 1999, Abstract 972

\(^4\) Glass ionomer containing cements, ADA Professiona Product review, Vol. 3 Issue 1, Winter 2008

The **benchmark** resin modified glass ionomer cement

Superior adhesive and sealing characteristics ensure consistent long-term retention and ongoing protection for the tooth.

4 easy steps for a reliable bond

1. Clean the prepared teeth carefully. For increased retention, apply Fuji PLUS conditioner for 20 seconds. Rinse and gently dry.
2. Mix Fuji PLUS capsule for 10 seconds. Coat the internal surface of the restoration with 1mm of cement and seat within 30 seconds.
3. Remove excess cement when the gel stage begins to form (approx. 1 minute after seating).
4. Maintain isolation until the final set is verified (approx. 4 minutes).

Your first choice of luting cements in all delivery formats

**GC Fuji PLUS**

**GC Fuji PLUS Capsules**
Box 50 capsules (0.19 ml per capsule)  
Available Shades: Yellow, A3

**GC Fuji PLUS 1-1PKG**
Powder, 15 g, shade A3  
Liquid, 7 ml, Conditioner, 6.5 ml, Accessories

**GC Fuji PLUS P/L Refills**
Powder, 15 g. Available shades: A3, Yellow, Translucent  
Powder EWT (Extended Working Time), 15 g. Shade A3  
Liquid, 7 ml, Conditioner, 6.5 ml

**GC FujiCEM (Automix)**

If a restoration requires more flexibility, the FujiCEM Automix offers you all the efficiency of Fuji PLUS in a convenient Automix delivery format. This gives you a longer working time and adaptable dosage for post luting or long span bridges.

**GC FujiCEM Automix**
2 Paste Pak cartridges (13.3 g each), 44 mixing tips

**GC FujiCEM Automix Refills**
2 Paste Pak cartridges (13.3 g each)  
20 mixing tips, Paste Pak Dispenser