**GC Fuji IX GP® Family**

**PACKABLE POSTERIOR GLASS IONOMER RESTORATIVES**

**1 GLOBAL LEADER IN GLASS IONOMER TECHNOLOGY**

- Self-curing and available in eight Vita®† shades in powder/liquid (GC Fuji IX GP® only) and capsule delivery
- Indicated for:
  - Class I and II restorations (non-stress bearing)
  - Core build-ups
  - Pediatric/geriatric restorations
  - Base or liner (sandwich technique)
  - Intermediate and interim restorations
  - Long term temporization
- GC Fuji IX GP® FAST sets twice as fast as GC Fuji IX GP®
- GC Fuji IX GP® EXTRA has an even faster setting time, releases more fluoride and is extra translucent

**TOUCH of GENIUS™**

- Data on file.

**Award Winning**

Restoratives for Every Practice

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*GC*
Open Sandwich Technique Using Self-Cured Glass Ionomer:

Class II preparation with deep subgingival box. Placement of GC Fuji IX GP® in box to the gingival margin and occlusally. Self-curing of GC Fuji IX GP®, (see chart below) Apply G-ænial™ Bond, then place a GC composite, followed by light-curing. Final, aesthetic glass ionomer and composite sandwich technique restoration.

### Chart - Open Sandwich Technique Using Self-Cured Glass Ionomer:

<table>
<thead>
<tr>
<th>Condition</th>
<th>GC Fuji IX GP®</th>
<th>GC Fuji IX GP® FAST</th>
<th>GC Fuji IX GP® EXTRA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mixing Time (seconds)</td>
<td>23° C, 73.4° F</td>
<td>10 sec.</td>
<td>10 sec.</td>
</tr>
<tr>
<td>Working Time (minutes)</td>
<td>23° C, 73.4° F</td>
<td>2 min.</td>
<td>1 min. 15 sec.</td>
</tr>
<tr>
<td>Final Finishing Commencing Time (minutes)</td>
<td>37° C, 98.6° F (after starting mix)</td>
<td>6 min.</td>
<td>3 min.</td>
</tr>
<tr>
<td>Surface Hardness (HV)</td>
<td>After 1 day</td>
<td>74(3)</td>
<td>74(3)</td>
</tr>
<tr>
<td>Compressive Strength (MPa)</td>
<td>After 1 day</td>
<td>220(9)</td>
<td>268(10)</td>
</tr>
<tr>
<td>After 1 week</td>
<td>230(14)</td>
<td>274(11)</td>
<td>255(14)</td>
</tr>
<tr>
<td>Modulus of Elasticity (GPa)</td>
<td>After 1 day</td>
<td>8.3(0.5)</td>
<td>8.6(0.3)</td>
</tr>
<tr>
<td>Diametral Tensile Strength (MPa)</td>
<td>After 1 day</td>
<td>22(2)</td>
<td>23(2)</td>
</tr>
<tr>
<td>Flexural Strength (MPa)</td>
<td>After 1 day</td>
<td>26(4)</td>
<td>26(3)</td>
</tr>
<tr>
<td>Solubility (%)</td>
<td>Distilled Water</td>
<td>0.02</td>
<td>0.02</td>
</tr>
<tr>
<td></td>
<td>1mmol/L Lactic Acid</td>
<td>0.21</td>
<td>0.21</td>
</tr>
<tr>
<td>Radiopacity (mm)</td>
<td>3.7(0.3)</td>
<td>3.7(0.3)</td>
<td>3.7(0.3)</td>
</tr>
<tr>
<td>Bonding Strength (MPa)</td>
<td>To Bovine Enamel, After 1 day</td>
<td>5.9(1.1)</td>
<td>6.9(1.6)</td>
</tr>
<tr>
<td>with Cavity Conditioner</td>
<td>To Bovine Dentin, After 1 day</td>
<td>4.4(1.6)</td>
<td>5.8(2.2)</td>
</tr>
</tbody>
</table>

(   ) = Standard deviation

Ordering Information (Canada):

- **440090** GC Fuji IX GP® EXTRA Capsule Starter Package
  Contains: 48 assorted capsules, 1 GC Capsule Applier, 1 GC CAVITY CONDITIONER and 1 GC Fuji COAT LC.

- **440091** GC Fuji IX GP® EXTRA Capsule Refill
  Contains: 48 capsules GC Fuji IX GP EXTRA.
  Colors: A1, A2, A3, A3.5, B1, B2, B3, Assorted

- **440092** GC Fuji IX GP® FAST Capsule Starter Package
  Contains: 48 assorted capsules, 1 GC Capsule Applier, 1 GC CAVITY CONDITIONER and 1 GC Fuji COAT LC.

- **440093** GC Fuji IX GP® FAST Capsule Refill
  Contains: 48 capsules GC Fuji IX GP FAST.
  Colors: A1, A2, A3, Assorted

- **440095** GC Fuji IX GP® Capsule Starter Package
  Contains: 48 assorted capsules, 1 GC Capsule Applier, 1 GC CAVITY CONDITIONER and 1 GC Fuji COAT LC.

- **440096** GC Fuji IX GP® Capsule Refill
  Contains: 48 capsules GC Fuji IX GP.
  Colors: A2, A3, A3.5, B1, B2, Assorted

- **439901** GC Fuji IX GP® Powder/Liquid Starter Package (Shade A2)
  Contains: 1 powder (15g), 1 liquid (6.4mL), 1 GC CAVITY CONDITIONER and 1 GC Fuji COAT LC.

- **000164** GC Fuji IX GP® Powder/Liquid Intro Package (Shade A2)
  Contains: 1 powder (15g) and 1 liquid (6.4mL).

- **000168** GC Fuji IX GP® Powder Refill (Shade A2)
  Contains: 1 powder (15g).

- **000169** GC Fuji IX GP® Liquid Refill (Shade A2)
  Contains: 1 liquid (6.4mL).

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