

GLASS IONOMER

## GC FujiCEM Automix Indications

### Porcelain Fused to Metal



Excess cement is easily removed between 1 minute and 2-1/2 minutes after cementation. Just flick away the excess cement while in a rubbery stage.

### Long Span and Multi-Unit Bridges



### Ceramic Inlays



### Composite Inlays



### Micro Ceramic Composite



Simply apply GC FujiCEM Automix directly to the restoration as needed. 3 minutes of working time makes GC FujiCEM especially useful for final cementation of long-span/multi-unit bridges.

## GC FujiCEM Resin Reinforced Glass Ionomer Cement in Paste-Pak Dispensing System

### Product Code:

- 002589 GC FujiCEM Automix**  
Contains: Two (7.2mL, 13.3g) cartridges of GC FujiCEM and 44 Mixing Tips
- 002636 GC FujiCEM Refill (Automix Compatible)**  
Contains: Two (7.2mL, 13.3g) cartridges and #22 Mixing Pad
- 431573 GC FujiCEM Automix Starter Kit**  
Contains: Two (7.2mL, 13.3g) cartridges of GC FujiCEM, 44 Mixing Tips and Paste Pak Dispenser
- 001573 Paste Pak Dispenser**  
Fits all Paste Pak Cartridges

**GC**

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**the NIX MIX**

## Introducing GC FujiCEM Automix

The resin-modified glass ionomer luting cement that delivers a precise mixing ratio every time—faster and easier than hand-mixing

**GC**

# We created the recipe for success... and made it even better

GC America is the worldwide leader in glass ionomer luting cement technology, but we're never content to rest on our laurels. With GC FujiCEM Automix, you get all the great benefits of our exclusive GC FujiCEM Paste Pak dispensing system in a new, ultra-convenient automix syringe delivery system.

GC FujiCEM Automix delivers a consistent mix directly into the restoration—faster and easier than mixing by hand. No mixing, no mess... and that means more restorations in less time.

## Delivering faster, easier results in a whole new way

The GC FujiCEM Automix syringe delivery system is faster and easier than hand mixing, so you can save time and see more patients. Since you dispense GC FujiCEM Automix directly into the restoration, there's no risk of contamination.

And unlike hand-mixing, our automix syringe provides a consistent mixing ratio every time, with no voids and no risk of post-op sensitivity.



Of course, GC FujiCEM Automix also provides all the proven benefits of the original GC FujiCEM, our trusted resin-modified glass ionomer cement—in an innovative, time-saving package:

- **Strong bond** – GC FujiCEM Automix has high compressive, tensile & flexural bond strength
- **Maximum fluoride release** – reduces the risk of decay at the tooth restoration interface
- **Lowest film thickness** of any glass ionomer luting cement (3 µm) – restorations seat easily, reducing the chance of high occlusion
- **Biocompatible** – non-irritating to tooth structure or soft tissue, so there's no risk of post-op sensitivity for your patients
- **Radiopaque** – facilitates oral diagnoses
- **Clinically insoluble when wet** – GC FujiCEM Automix maintains the marginal seal, minimizing the risk of early washout or microleakage and helping to ensure the longevity of your restorations
- **Optimizes marginal seal** – ionic bonding to tooth structure and metals
- **Maintains marginal seal** – tooth-like coefficient of thermal expansion



## GC FujiCEM Applications

- Indirect restorations
- Metal, porcelain fused to metal (PFM) and resin crowns, bridges, inlays and onlays
- Porcelain inlays

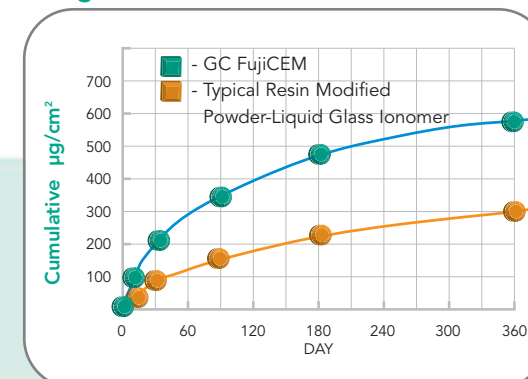
## The choice is clear: GC FujiCEM Automix

Compare GC FujiCEM Automix to some of the other leading glass ionomer cements. For ease and speed, nothing beats it!

- **GC FujiCEM Automix: no hand mixing or trituration required—just dispense into the restoration and you're done!**
- 3M ESPE RelyX™ Luting Plus: packaged with a “clicker” dispenser; requires hand-mixing.
- 3M ESPE Ketac®-Cem<sup>1</sup> Aplicap and Maxicap: requires two different capsule activators and capsule applicators; must be triturated.

The Paste Pak Dispensing System always obtains a 1.4:1 mix ratio for the best possible physical properties. **Vary the ratio of a typical resin modified glass ionomer 10% and you'll decrease the bond strength 12-24%.** Refrigeration will extend the working time an additional 30 seconds.

## Higher Fluoride Release<sup>2</sup>



GC FujiCEM releases almost double the amount of fluoride compared to typical resin modified glass ionomers. This rechargeable<sup>2</sup>, sustained high fluoride release helps prevent secondary caries and recurrent decay<sup>3</sup>.

## Simple to Use... and No More Mixing!

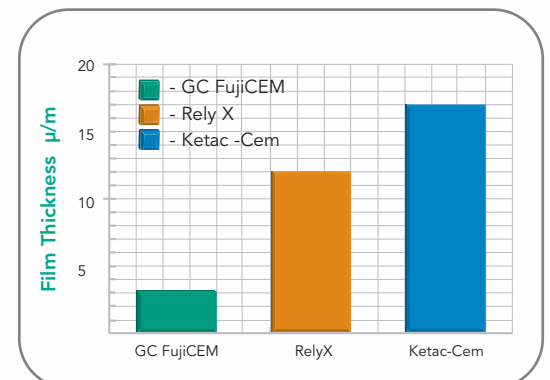


Insert Paste Pak into the Dispenser.

Attach the GC FujiCEM Mixing Tip.

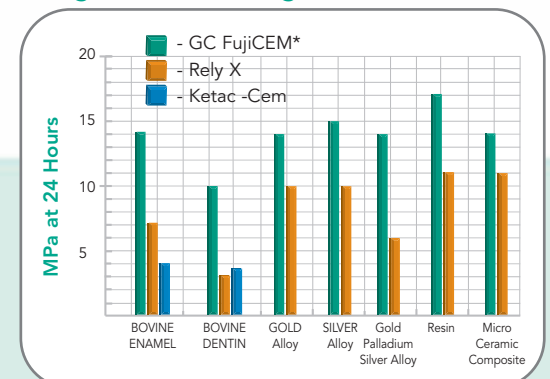
After dispensing directly into the restoration, remove the Mixing Tip and replace cartridge cover.

## Minimal Film Thickness



With only a 3 micron film thickness, GC FujiCEM boasts the lowest film thickness of any luting cement. This allows for complete seating of the restoration, minimizes the chance for high occlusion and improves the integrity of the margins.

## Higher Bond Strength



With GC FujiCEM, you get the remarkable strength, fracture toughness and versatility of a resin reinforced glass ionomer and the confidence of obtaining an exact mix for maximum physical properties.

\* Bovine Enamel and Bovine Dentin treated with Fuji PLUS Conditioner.

<sup>1</sup> Rely X and Ketac Cem are not trademarks of GC America Inc.

<sup>2</sup> Nakaseko, Tosaki, Hirota, Fluoride release of resin reinforced glass ionomer cements, J Dent Res 1999; 78:227 (972)

<sup>3</sup> Restorative materials containing fluoride, Council on Dental Materials, Instruments and Equipment, JADA, Vol. 116, May 1988