

# GC Fuji® BULK

RADIOPAQUE POSTERIOR GLASS IONOMER RESTORATIVE CEMENT IN CAPSULES

Prior to use, carefully read the instructions for use.

For use only by a dental professional in the recommended indications.

## RECOMMENDED INDICATIONS

1. Class I and II restorations in deciduous teeth
2. Non-load bearing Class I and Class II restorations in permanent teeth.
3. Base material for load bearing situations in Class I and Class II cavities using a sandwich laminate technique.
4. Transitional and intermediate restorations
5. Class V and root surface restorations
6. Core build-up

## CONTRAINDICATIONS

1. Pulp capping.
2. Avoid use of this product in patients with known glass ionomer cement, methacrylate monomer and methacrylate polymer allergies.

## DIRECTIONS FOR USE

Powder / Liquid Ratio (g/g)	0.4 / 0.11
Mixing Time (sec.)	10"
Time of initial extrusion after mixing	10 seconds maximum
Working Time (min., sec.)	1'15"
Net Setting Time (min., sec.)*	2'00"
Final Finishing Commencing Time (37°C, after starting mix) (min.,sec.)	2'00"

Test conditions : Temperature (23 +/-1°C), Relative humidity (50 +/-5%)  
\*ISO 9917-1 : 2007 (E) (Glass polyalkenoate cement)

### 1. CAVITY PREPARATION

- a) Prepare tooth using standard techniques. Extensive mechanical retention is unnecessary. For pulp capping use calcium hydroxide.
- b) Apply CAVITY CONDITIONER (GC) water with a cotton pellet or dry by gently blowing with an air syringe. DO NOT DESICCATE. Prepared surfaces should appear moist (glistening).

### 2. CAPSULE ACTIVATION AND MIXING

- a) Before activation, shake the capsule or tap its side on a hard surface to loosen the powder.
- b) To activate the capsule, push the plunger until it is flush with the main body.
- c) Immediately place the capsule into a metal GC CAPSULE APPLIER and click the lever once. The capsule is now activated.  
Note:  
The capsule should be activated just before mixing and used immediately.
- d) Immediately remove the capsule and set it into a mixer (or an amalgamator) and mix for 10 seconds (+/- 4,000RPM).

### 3. RESTORATIVE TECHNIQUE

- a) Immediately remove the mixed capsule from the mixer and load it into the GC CAPSULE APPLIER.
- b) Make two clicks to prime the capsule then syringe. The working time is 1 minute 15 seconds from start of mixing at 23°C (73.4°F). Higher temperatures will shorten working time.
- c) Within 10 seconds maximum after mixing, start to extrude the mixture directly into the preparation.
- d) Form the preliminary contour, and cover with a matrix if required.
- e) During the first 2 minutes from start of mix extra care should be taken to avoid moisture contamination or drying-out. In case this cannot be guaranteed, immediately apply G-COAT PLUS (light cure for 20 sec.) or EQUIA Forte Coat (light cure for 20 sec.) or GC Fuji VARNISH (blow dry) or GC Fuji COAT LC (light cure).

Note :

- 1) To adjust the direction of the nozzle, hold the applier with the capsule towards you and turn the capsule body.
- 2) To remove the used capsule, push the applier release button. Twist the capsule and pull upwards.

### 4. FINISHING

- a) Final finishing under water spray using standard techniques can begin approximately 2 minutes after start of mixing.

- b) Apply a final coat of G-COAT PLUS (light cure for 20 sec.) or EQUIA Forte Coat (light cure for 20 sec.) or GC Fuji VARNISH (blow dry) or GC Fuji COAT LC (light cure for 10 sec.).
- c) Instruct the patient not to apply pressure for 1 hour.

## STORAGE

Store GC Fuji® BULK (in the original aluminium foil) in a cool and dark place (4-25°C) (39.2-77.0°F).  
(Shelf life: 2 years from date of manufacture).

## SHADES

Universal

## PACKAGES

Single shade package : 50 capsules.  
Average contents per capsule : 0.4g powder and 0.11g (0.09mL) liquid.  
Minimum net volume of mixed cement per capsule : 0.14mL.  
Option: GC CAPSULE APPLIER (1 piece).

## CAUTION

1. In case of contact with oral tissue or skin, remove immediately with a sponge or cotton soaked in alcohol. Flush with water.
2. In case of contact with eyes, flush immediately with water and seek medical attention.



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