

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

RECOMMENDED INDICATIONS

1. Cementation of metal or porcelain fused to metal crowns, bridges, inlays.
2. Cementation of stainless steel crowns or orthodontic appliances retained with stainless steel crowns.
3. Cementation of orthodontic bands.
4. Base or liner.

CONTRAINDICATIONS

1. Pulp capping.
2. In rare cases the product may cause sensitivity in some people. If any such reactions are experienced, discontinue the use of the product and refer to a physician.

DIRECTIONS FOR USE

Powder / Liquid ratio (g/g)	0.33/0.18
Mixing time (sec.)	10"
Working time (min., sec.)	2'15"
Net setting time (min., sec.)	2'30"

Test conditions : Temperature (23 +/-1°C), Relative humidity (50+/-5%).
ISO 9917 : 1991 (E) (Dental water based cements).

1. CAPSULE ACTIVATION AND MIXING

- a. Before activating, shake the capsule or tap on a hard surface to loosen the powder (Fig. 1).
- b. To activate the capsule push plunger until it is flush with the main body (Fig. 2).
- c. Immediately place the capsule into a metal GC Capsule Applier and click the lever once (Fig. 3). The capsule is now activated.

Note :

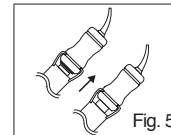
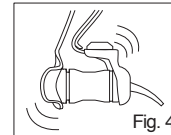
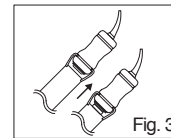
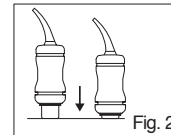
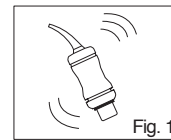
The capsule should be activated just before mixing and used immediately.

- d. Immediately set the capsule into the mixer and mix for 10 seconds (+/-4,000 RPM) (Fig. 4).

Note:

When using a rotational mixing device, it is recommended not to use the centrifuge option.

- e. Immediately remove the mixed capsule from the mixer and load it into the GC Capsule Applier.
- f. Make two clicks to prime the capsule then syringe (Fig. 5).



2. CEMENTATION TECHNIQUE

- a. Prepare tooth using standard techniques.
- b. Clean with pumice and water only. Wash and dry but DO NOT DESICCATE. DO NOT REMOVE THE SMEAR LAYER. For pulp capping use calcium hydroxide.
- c. Clean and dry inside of casting or stainless steel crown.
- d. Mix cement and apply to both restoration and prepared dry tooth using GC Capsule Applier.

The working time is 2 minutes 15 seconds from start of mixing at 23°C (73.4°F). Higher temperatures will shorten working time.

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.

- e. (i) Cementation of cast metal crowns or bridges
Coat internal surface of restoration with 1mm of cement and start to seat within 30 seconds of completing mix. (DO NOT OVERFILL).

- (ii) Cementation of stainless steel crowns
Fill the adapted crown with cement and seat.

Note :

To facilitate removal of orthodontic appliances, coat the occlusal surfaces of the teeth to be cemented with a fluoride gel or petroleum jelly prior to cementation.

- f. Remove excess cement at the first formation of gel stage.

STORAGE

Store at temperature of 4-25°C (39.2-77.0°F).
(Shelf life : 2 years from date of manufacture).

SHADE

Light yellow.

PACKAGE

GC Fuji I Capsule Package : 50 capsules.

* Average contents per capsule : 0.33g powder and 0.18g (0.14mL) liquid.

* Minimum net volume of mixed cement per capsule : 0.19mL.

Option : GC Capsule Applier.

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.