

GC Gold Label 1

Prior to use, carefully read the instructions for use.



RADIOPAQUE GLASS IONOMER LUTING CEMENT

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 to some persons. If such reactions are experienced, discontinue the use of the product and refer to a physician.

DIRECTIONS FOR USE

Powder/liquid ratio (g/g)	1.4/1.0	1.8/1.0	2.2/1.0
Mixing time (min. sec.)	20"	20"	20"
Working time (min. sec.)	2'30"	2'00"	1'15"
Net setting time (min. sec.)	2'50"	2'30"	2'20"

Test conditions : temperature (23+/-1°C) Relative humidity (50+/-10%)
ISO 9917 : 1991 (E) (Dental water based cements)

1. POWDER AND LIQUID DISPENSING

- a) The standard powder to liquid ratio is 1.8/1.0g. 1 level scoop of powder to 2 drops of liquid.
- b) For accurate dispensing of powder, lightly tap the bottle against the hand. Do not shake or invert.
- c) Hold the liquid bottle vertically and squeeze gently.
- d) Close bottles immediately after use.

2. MIXING

Dispense powder and liquid onto the pad. Using the plastic spatula, add all the powder to the liquid. Mix rapidly for 20 seconds.

Note :

For larger amounts, divide the powder into two equal parts. Mix the first portion with all of liquid for 5 seconds. Incorporate the remaining portion and mix the whole thoroughly for 15 seconds (total 20 seconds).

3. CEMENTATION TECHNIQUE

- a) Prepare tooth using standard techniques. For pulp-capping use calcium hydroxide.
- b) Clean with pumice and water only. Wash and dry but **DO NOT DESICCATE. DO NOT REMOVE SMEAR LAYER.**
- c) Clean and dry inside of casting or stainless steel crown.
- d) Mix the required amount of cement.

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**). Higher temperatures shorten working time.
 - (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) Setting time is 4 minutes 30 seconds after start of mixing. 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 : 3 years)

SHADE

Light yellow.

PACKAGES

1. 1-1 package : 35g powder, 25g (20mL) liquid, powder scoop, mixing pads (No. 20).
2. Bottle of 35g powder with scoop.
3. Bottle of 25g (20mL) liquid.

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.
3. **DO NOT** mix powder or liquid with any other glass ionomer components.