

Fig. 1

GC FujiCEM® 2

RADIOPAQUE REINFORCED GLASS IONOMER LUTING CEMENT

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

RECOMMENDED INDICATIONS

- Cementation of metal-based inlays, onlays, crowns and bridges
- Cementation of resin inlays, onlays, crowns and bridges
- Cementation of all ceramic inlays
- Cementation of high strength (e.g. zirconia based, intermediate etc.) all ceramic inlays, onlays, crowns and bridges
- Cementation of metal, ceramic and fiber posts

CONTRAINDICATIONS

- Pulp capping
- 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.

IDENTIFICATION OF PARTS (Fig. 1)

- A. Paste Pak Cartridge SL
1. Carter 2. Inner plunger
3. Carter sleeve 4. Piston
B. Paste Pak Dispenser
5. Piston 6. Adjusting guide 7. Lever 8. Sliding block
9. Piston release
- C. GC FujiCEM 2 Mixing Tip SL
GC FujiCEM 2 Mixing Tip for Endo (with intraoral tip)

DIRECTIONS FOR USE

Paste / Paste ratio (g/g)	2.0 / 1.0
Mixing time (sec.)	10'-15'
Working time (min., sec.) (at 23°C) (from start of mixing)	2'15"
Final finishing commencing time (min., sec.) (after seating the restoration)	4'30"

PASTE PAK CARTRIDGE SL LOADING

- Make sure that the piston is completely retracted into the dispenser (Fig. 2).

Note : To retract the piston, push the piston release and at the same time pull the sliding block (on the underside of the dispenser) with your fingers.

- Load the cartridge into the Paste Pak Dispenser (Fig. 3). Ensure the **A** mark on the cartridge lines up with the **A** mark on the Paste Pak Dispenser as illustrated. Then turn the cartridge fully to the right position.

- After cartridge loading, push the piston release forward until it stops (Fig. 4).

- Push the piston release forward.

Note : To remove the cartridge, retract the piston fully and turn the cartridge back to the marked positions.

A. CEMENTATION TECHNIQUE - AUTOMIXING WITH GC FujiCEM 2 Mixing Tip SL

- TOOTH PREPARATION
a) Prepare tooth in usual manner. For pulp capping, use calcium hydroxide.

- b) Clean the prepared tooth with pumice and water. Note :

- 1) **NaClO, EDTA or Chlorhexidin** can be used to clean the tooth. Do not use substances like H₂O₂, hydrogen peroxide and others disinfectants as these may lower the bond strength.

- 2) Use GC Fuji Plus Conditioner on the prepared tooth surface for 20 seconds for optimal adhesion.

- c) Rinse the tooth with water. Remove excess moisture by blotting with a cotton pellet or gently blowing with an oil-free air. DO NOT DESCALICATE. Prepared surfaces should appear moist (glistening).

2. RESTORATION PREPARATION
Make sure that the restoration is pretreated and handled according to the manufacturer's instructions.

3. DISPENSING AND AUTOMIXING
a) Remove the cartridge cover.

- b) Before every use, check the two openings of the cartridge tip and confirm the pastes are at the same level to ensure even flow from the cartridge.

Note : Before dispensing the first time from a new cartridge or after a long interval in between use, bleed the pastes from the cartridge.

- c) Attach the GC FujiCEM 2 Mixing Tip SL on the cartridge. Push the mixing tip completely until the end (Fig. 5-1). Hold the sides of sleeve and slide it forward to lock the mixing tip (Fig.5-2).

Note :

- 1) Make sure the GC FujiCEM 2 Mixing Tip SL is securely attached to the paste tip.

- 2) Slowly depress the lever to dispense the material into the appliance.

- f) After dispensing, release the lever. Slide the sleeve backward and remove the GC FujiCEM 2 Mixing Tip SL (Fig. 7). Clean the cartridge tip and replace the cartridge cover.

Note :

- 1) Do not leave the used GC FujiCEM 2 Mixing Tip SL on the cartridge for a long period of time.

- 2) The amount of residual material in the cartridge can be confirmed by the position of the sliding block on the underside of the dispenser (Fig. 4).

- 3) After dispensing, release the lever. Slide the sleeve backward and remove the GC FujiCEM 2 Mixing Tip SL (Fig. 7). Clean the cartridge tip and replace the cartridge cover.

Note :

- 1) Do not leave the used GC FujiCEM 2 Mixing Tip SL on the cartridge for a long period of time.

- 2) The amount of residual material in the cartridge can be confirmed by the position of the inner plunger seen through the cylinders. When only a small amount of paste remains in the cartridge, the paste may not be dispensed from the GC FujiCEM 2 Mixing Tip SL.

- 3) To avoid damage, do not drop the dispenser with the cartridge and mixing tip.

4. CEMENTATION

- a) Coat the internal surface of the restoration with sufficient cement to ensure a tight seal. The working time is 2 minutes 15 seconds from start of mixing at 23°C (74°F). Higher temperature will shorten the working time and lower temperature will prolong the working time.

- b) Maintain moderate pressure and make sure the restoration remains in place. Start removing excess cement with a scalpel when the excess cement feels rubbery.

- c) Finishing can be started 4 minutes 30 seconds after seating the restoration.

B. CEMENTATION TECHNIQUE - HANDMIXING

1. TOOTH PREPARATION
Refer to A. 1.

2. RESTORATION PREPARATION
Refer to A. 2.

3. DISPENSING

- a) Remove the cartridge cover.

- b) Depress the lever to dispense the required amounts of paste onto the mixing pad.

Note :

- 1) Before dispensing the first time from a new cartridge or after a long interval in between use, bleed the pastes from the cartridge.

- 2) The adjusting guide can be moved forwards or backwards to change the quantity of material to be dispensed.

3. Position of adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

- c) While depressing the lever (Fig. 9-1), level and cut off the extruded material from the cartridge tips by moving the cartridge and dispenser to an upright position on the mixing pad (Fig. 9-2).

- d) When the lever is released after dispensing, residual pastes at the cartridge tips are retracted into the cartridge. Clean the cartridge tip and replace the cartridge cover.

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- 1) After dispensing, the first time from a new cartridge or after a long interval in between use, bleed the pastes from the cartridge.

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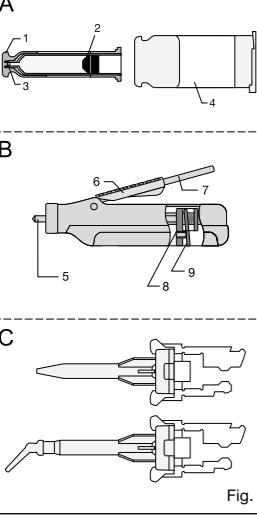


Fig. 1

GC FujiCEM® 2

RADIOPAAK VERSTERKT GLASJONOMÉER BEVESTIGINGSCLEMENT

Allemaal gebruiken door tandheelkundig gekwalificeerde in de vermelde toepassingen

ANBEVELENDE TOEPASSINGEN

1. Gieten van inlays, onlays, kronen en bruggen met als basis metaal
2. Cementeren van inlays, onlays, kronen en bruggen van kunsthar
3. Cementeren van alle typen keramische inlays
4. Voor het cementeren van (o.a. zirconia, lithium disilicatu enz.) alle verschillende inlays, onlays, kronen en bruggen.
5. Cementeren van metalen, keramische en fiberglass versterkte wortelstiften

CONTRA-INDICATIES

1. Pulpva overkapping.
2. In sommige gevallen kan een overgevoeligheid voor het product nog worden uitgesloten. Mochten zich allergische reacties voordoen, dan moet de toepassing in die gevallen worden stopgezet en een arts worden geconsulteerd.

BENOEMING VAN DE ONDERDELEN (Fig. 1)

- A. Paste Pak Magasin SL
1. Dop 2. Dubbele zuiger
2. Cartridge tip 4. Schuifdeel
3. Paste Pak Dispenser
5. Dubbele plunger 6. Vingergrif 7. Heftboom
8. Schuiflok 9. Ontgrendelhendel
- C. GC FujiCEM 2 Mengnaald SL
- D. GC FujiCEM 2 Mengnaald SL voor Endo (met intra-orale tip)

GEbruiksaanwijzing

Verhouding pasta / pasta (g/g)	2,0 / 1,0
Mengtijd (sec.)	10'-15"
Verwerkingsdgt (min., sec.) (bij 23°C) (vanaf het begin van het mengen)	2'15"

Arbejdstdt (min., sek.) (ved 23°C) (fra start af blandning)

Finishing en polering med tidligst begynde (min., sek.) (efter afbinding af restaureringen)

Aanvang definitieve afwerking na (min., sek.) (nadat de restauratie is geplaatst)

4'30"

BRUGSAANWIJZING

Verhouding pasta / pasta (g/g)

2,0 / 1,0

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10'-15"

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Finishing og polering med tidligst begynde (min., sek.) (efter afbinding af restaureringen)

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2,0 / 1,0

Mengtijd (sec.)

10'-1

