

## GC FujiCEM™ 2

RADIOPAC REINFORCED GLASS IONOMER LUTING CEMENT

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

### INDICATIONS FOR USE

1. Cementation of metal-based inlays, onlays, crowns and bridges
2. Cementation of resin inlays, onlays, crowns and bridges
3. Cementation of all ceramic inlays
4. Cementation of high strength (up to zirconia based) lithium disilicate etc.) all ceramic inlays, onlays, crowns and bridges
5. Cementation of metal, ceramic and fiber posts

### CONTRAINDICATIONS

1. In rare cases, the product may cause sensitivity in people who are allergic to resin or metal components. discontinue the use of the product and refer to a physician.

### IDENTIFICATION OF PARTS (Fig. 1)

- A. Paste Pak Cartridge (Fig. 1)
- B. Paste Pak Mixer (Fig. 1)
- C. Cover 2, inner plunger 3, Cartridge tip 4, Sleeve 5, Paste Pak Dispenser 6
- D. Piston 7, Adjusting guide 8, Lever 9, Sliding block 10
- E. Piston 7, Adjusting guide 8, Lever 9, Sliding block 10

### COMPOSITION

Paste A: Fluoro-alumino-silicate glass, dimethacrylate, methacrylate, silicon dioxide, pigment, stabilizer  
 Paste B: Water, polyacrylic acid, silicon dioxide, carboxylic acid, initiator, stabilizer, pigment

### DIRECTIONS FOR USE

1. Paste A (Fig. 1) 20/10
2. Paste B (Fig. 1) 10/15
3. Working time (min, sec) at 23°C (initial start of mixing) 215'
4. Setting Time (37°C/99°F) (min, sec) 430'

### PASTE PAK CARTRIDGE SL LOADING

1. Make sure that the piston is completely retracted into the dispenser.

Note: When the piston, push the piston release and at the same time pull the sliding block (on the underside of the cartridge) to the front.

2. Load the cartridge into the Paste Pak Dispenser (Fig. 3).

3. Push the piston down to the bottom of the cartridge. Turn the cartridge fully to the right position.

4. After the cartridge is fully turned, the piston release forward until it stops (Fig. 4).

5. Push the piston up to the desired release forward.

6. Do not push the upper slide.

To remove the cartridge, retract the piston fully and pull the cartridge back to the front position.

### CEMENTATION TECHNIQUE – AUTOMIXING WITH GC FujiCEM™ 2 Mixing Trp SL

1. Prepare tooth in usual manner. For pulp capping, use calcium hydroxide.
2. Clean the prepared tooth with pump and cure light.

Note: GC NDCO, EDTA or Chlorhexidine can be used to clean the prepared tooth. Do not use Chlorhexidine on teeth with metal crowns, veneers and other disinfectants as these may lower the bond strength.

3. Use GC FujiCEM Conditioner on the prepared tooth. Blotting with paper towel for optimal adhesion.

4. Rinse thoroughly with water. Remove excess moisture and blot with paper towel.

5. Do not use any oil-free air. DO NOT DESICCAT. Prepared tooth should be completely dry.

6. RESTORATION PREPARATION: Make sure that the restoration is pretreated and handled according to the manufacturers' instructions.

7. DISPENSING AND AUTOMIXING: Dispense the paste into the Paste Pak Cartridge.

8. Before every use, check the two openings of the cartridge. Make sure the pastes are at the same level to ensure even flow from the cartridge.

### Before dispensing the first flow from a new cartridge

1. Attach the GC FujiCEM Mixing Trp SL on the Paste Pak Cartridge for completely wetting the end (Fig. 5).

2. Hold the slides in the closed and slide it to the front.

3. Make sure the GC FujiCEM 2 Mixing Trp SL is securely attached to the cartridge. If not, remove the cartridge and reattach it.

4. If the material has been refrigerated, leave the cartridge for 10 minutes at room temperature.

5. Do the adjusting guide to the front of the lever.

### Before dispensing the material into the Paste Pak Cartridge

1. Use the lever to dispense the material into the appliance.

2. After dispensing, release the lever. Slide the sleeve backward and remove the GC FujiCEM 2 Mixing Trp SL. Do not touch the cartridge tip and replace the cartridge cover (Fig. 11).

3. Do not leave the used GC FujiCEM 2 Mixing Trp SL in the cartridge for a long period.

4. The amount of material dispensed into the cartridge can be confirmed by the position of the sliding block.

5. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

6. When only a small amount of paste remains in the cartridge, the paste may not be dispensed from the cartridge.

7. To avoid damage, do not drop the dispenser with the cartridge and mixing trp.

### CEMENTATION

1. Coat the internal surface of the restoration with a sufficient amount of conditioner. The working time is 2 minutes 15 seconds from start of mixing (Fig. 6).

2. After the conditioner is completely dispensed, the working time and lower temperature will prolong the working time. Maintain moderate pressure.

3. Maintain moderate pressure and make sure the cement remains in place. Start removing excess cement with a scaler when the excess cement flows.

4. Finishing can be started 4 minutes 30 seconds after cementation.

### B. CEMENTATION TECHNIQUE – HANDMIXING

#### 1. TOOTH PREPARATION

Refer to Fig. 1.

#### 2. TOOTH PREPARATION

Refer to Fig. 2.

3. Before dispensing, spread the two pastes thinly on the prepared tooth.

4. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

5. Larger amount of paste requires a longer mixing time.

6. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

#### CEMENTATION

1. After the conditioner is completely dispensed, spread the pastes from the cartridge (Fig. 5).

2. The adjusting guide can be moved forward or backward to adjust the amount of paste to be dispensed (Fig. 6).

3. Position the adjusting guide for one inlay.

4. Position of adjusting guide for one crown.

5. Position of adjusting guide for one inlay and one crown.

6. After the conditioner is completely dispensed, residual pastes at the cartridge tips are retracted into the Paste Pak Cartridge tip and replace the cartridge cover (Fig. 11).

Note: The amount of residual material in the cartridge can be confirmed by the position of the sliding block.

7. The cartridge cylinders are translucent, the residual amount can also be confirmed by the position of the inner plunger seen through the cylinders.

8. After dispensing, spread the two pastes thinly on the prepared tooth.

9. After dispensing, spread the two pastes thinly on the prepared tooth. Do not touch the prepared tooth with leproting sticks. Be careful not to incorporate air bubbles.

10. Larger amount of paste requires a longer mixing time.

11. Do not mix GC FujiCEM 2 pastes with other materials.

## GC FujiCEM™ 2

REINTEINFORCED POSITIVEN REINFORCER PASTE INLAY CEMENT

Da se izlozava samo od dentalnog profesionalca, slozavani instrukcija za upotrebu.

### INDIKACIJA ZA UPOTREBU

1. Cementiranje metalnih krunica, mostova, koronki i mostove s metalnom osnovom.
2. Cementiranje svih vrsta prirodnih i umjetnih keramika i mostova.
3. Cementiranje svih keramičkih inlaya.
4. Cementiranje svih vrsta predizrađene punje keramike (npr. na bazi zirkona, litijum disilikata itd.), vršne inlaye, onlaye, krunice i mostove.
5. Cementiranje kovanih i keramičkih čepova, a tako i čep za zlatnu osnovu.

### KONTRAINDIKACIJA

1. Primi pripremljenu pastu.
2. U pojedinih pripremljenu pastu izvukite zupčasti dio izvan u početku, jer se može pojaviti reakcija. Pri tome razmislite, preporučite upotrebu i pažljivo pratite lepljenje postupa.

### OPREMA ZA UPOTREBU

- A. Paste Pak Kartica (Slika 1)
- B. Paste Pak Miješalica (Slika 1)
- C. Poklopac 2, unutarnji plunger 3, vrh 4, rukavica 5, Paste Pak Dispenser 6
- D. Piston 7, vodilica 8, poluga 9, klizna blok 10
- E. Piston 7, vodilica 8, poluga 9, klizna blok 10

### IZMJERENJE I SASTAV

Paste A: Fluoro-alumino-silikatno staklo, dimetakrilat, metakrilat, silicij dioksid, pigment, stabilizator  
 Paste B: Voda, poliakrilatna kiselina, silicij dioksid, karbonska kiselina, inicijator, stabilizator, pigment

### DIREKCIJE UPOTREBE

1. Paste A (Slika 1) 20/10
2. Paste B (Slika 1) 10/15
3. Radno vrijeme (min, sek) pri 23°C (od početka miješanja) 215'
4. Vrijeme postizanja (37°C/99°F) (min, sek) 430'

### PASTE PAK KARTICA SL. ZA UČESTANJE

1. Provjerite da je piston potpuno povučen u dispenser.

2. Kada je piston, gurnite piston i istovremeno povucite klizni blok (na donjoj strani kartice) naprijed.

3. Učitajte karticu u Paste Pak Dispenser (Slika 3).

