

## INSTRUCTION FOR USE

### Preva Cem

#### (Glass Ionomer Luting Cement)

Preva Cem is a radiopaque, self-curing, translucent, fine-particle Glass Ionomer Luting Cement designed for permanent cementation of indirect restorations and orthodontic bands. The material exhibits excellent adhesion to tooth structure, good flow characteristics, fluoride release, and biocompatibility. Preva Cem is supplied as a powder-liquid system in a universal light yellow shade.

#### COMPOSITION

**Powder:** Fluoro Aluminio Silicate Glass Powder

**Liquid:** Polyacrylic Acid Solution (Low Viscosity)

#### INTENDED USE

Preva Cem is intended for the permanent cementation of indirect restorations and the attachment of orthodontic bands.

#### INDICATIONS

- Cementation of metal-based inlays and onlays.
- Cementation of metal crowns and bridges.
- Cementation of high-strength all-ceramic restorations, including zirconia crowns and bridges.
- Cementation of stainless steel crowns.
- Cementation of orthodontic metal bands.

#### INSTRUCTIONS FOR USE

##### A. Tooth Preparation

- Prepare the tooth according to standard restorative procedures.
- For deep preparations, protect the pulp using a suitable calcium hydroxide liner where indicated.
- Clean the prepared tooth using pumice and water.
- Rinse thoroughly with water.
- Remove excess moisture using a cotton pellet or gentle oil-free air.

*Important: Do not desiccate the tooth surface. The prepared surface should remain visibly moist (glistening).*

##### B. Restoration Preparation

- Ensure that the restoration has been fabricated, treated, and conditioned according to the restoration manufacturer's instructions.
- Verify proper fit before cementation.

##### C. Dispensing

- The recommended powder-to-liquid ratio is: 1 level scoop of powder and 2 drops of liquid
- To dispense powder accurately, lightly tap the powder bottle before measuring. Do not shake or invert the bottle.
- Hold the liquid bottle vertically while dispensing.
- Recap containers immediately after use.

##### D. Mixing

- Dispense the required powder and liquid onto a clean mixing pad.
- Using a plastic spatula, incorporate all powder into the liquid.
- Mix rapidly to a smooth, homogeneous consistency for 45–60 seconds.

##### For Larger Mixes

- Divide the powder into two equal portions
- Mix the first portion with all of the liquid for approximately 15 seconds.
- Add the remaining powder portion.
- Continue mixing until a homogeneous mix is obtained.

*Total mixing time: approximately 60 seconds.*

#### E. Cementation Procedure

- Immediately apply the mixed cement to the internal surface of the restoration.
- Seat the restoration without delay.
- Maintain moderate pressure during seating.
- Working time is approximately 2 minutes from the start of mixing at 23 ± 1°C.
- Remove excess cement when it reaches a rubbery consistency.
- Final finishing and polishing may begin approximately 5 minutes after seating.

#### WORKING & SETTING TIME

- Mixing Time 45–60 seconds
- Working Time Approximately 2 minutes
- Setting Time Approximately 2 minutes 30 seconds
- Final Finishing Time Approximately 5 minutes after seating

*Reference Temperature 23 ± 1°C*

*Note: Higher ambient temperatures will shorten working and setting times.*

#### CONTRAINDICATIONS

Do not use Preva Cem:

- In patients with known hypersensitivity or allergy to any component of the product.
- For direct pulp capping procedures.
- Directly on exposed pulp tissue.
- As a restorative filling material or core build-up material.

#### WARNINGS

- Contains polyacrylic acid, which may cause irritation upon contact with skin, eyes, or oral soft tissues.
- Avoid prolonged or repeated skin contact.
- Avoid inhalation of powder.
- Do not ingest.
- In susceptible individuals, allergic reactions may occur. In Case of Contact

#### Skin Contact

- Remove material immediately with cotton or gauze moistened with alcohol.
- Wash thoroughly with soap and water.
- Seek medical advice if irritation or allergic reaction develops.

#### Eye Contact

- Rinse immediately with copious amounts of clean water for at least 15 minutes.
- Seek medical attention promptly.

#### PRECAUTIONS

- Use appropriate isolation techniques such as a rubber dam whenever possible.
- Avoid contamination with saliva, blood, or moisture during placement
- Do not mix Preva Cem with components from other glass ionomer systems.
- Use only the supplied measuring devices.
- Material dispensed for a procedure must not be returned to the original container.
- Single-use mixed material must not be reused.
- Keep containers tightly closed after use.

#### PRESENTATION

- Ref. No.: PPC20G- Preva Cem- Powder 20g, Liquid 15mL, Measuring Spoon, Mixing Pad

#### STORAGE CONDITIONS

- Store between 10°C and 24°C (50°F–75°F).
- Protect from moisture, direct sunlight, and excessive heat.
- Keep containers tightly closed when not in use.

#### SHELF LIFE

- 3 years from the date of manufacture when stored under recommended conditions.
- Do not use after the expiry date.

#### DISPOSAL

Dispose of unused material, packaging, and contaminated accessories in accordance with local, regional, and national regulations applicable to dental materials and chemical waste.

#### CONTACT

**Prevalent Healthcare LLP**, Poongode Road, Karutheni, Malappuram, Kerala - 679339, India.  
Ph.: +91 4931257954 Email: info@prevalentonline.com  
www.prevalentonline.com

Failure to comply with the specified storage conditions may alter the working characteristics of the material and reduce its shelf life.

The manufacturer is not responsible for any loss of quality resulting from non-compliance with the specified conditions for transportation, storage, and use of this product. The user assumes full responsibility for using the material for any purposes other than those specified by the manufacturer.


This material is intended solely for professional dental use. Application must be carried out strictly according to the instructions for use. The manufacturer accepts no liability for damages resulting from failure to follow the provided instructions or for use beyond the stipulated applications. The user is responsible for assessing the material's suitability for any purpose not explicitly stated in this instruction sheet. The descriptions and data provided do not constitute a warranty of attributes and are not legally binding.

**This product is specially formulated for use in dentistry and to be used by qualified dental personnel**


 Symbol for "CAUTION"  Symbol for "CATALOGUE NUMBER"

 Symbol for "KEEP AWAY FROM SUNLIGHT"


 Symbol for "KEEP OUT OF THE REACH OF CHILDREN"

 Symbol for "DO NOT USE IF PACKAGE IS DAMAGE"


 Symbol for "KEEP DRY"  Symbol for "MEDICAL DEVICE"


 Symbol for "CONSULT INSTRUCTION FOR USE"

 Symbol for "MANUFACTURER NAME & ADDRESS"

 Symbol for "TEMPERATURE LIMITATION"

 Symbol for "NON STERILE"

 Symbol for "BATCH CODE"

 Symbol for "USE BY"

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