



INSTRUCTION FOR USE

PrevaCem DC

(Dual Curing Resin Luting Cement)

PREVALENT® **Preva Cem DC** is a dual-curing universal resin luting cement and is specially formulated for cementation of all indirect restorations. Preva Cem DC cement provides all of the desired properties for universal cementation: high radiopacity, high mechanical strength, high bond strength, low film thickness, and easy clean-up.

COMPOSITION

Base Paste: Bis-GMA, Bis-EMA, TEGDMA, Glycol Dimethacrylate, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agents and Stabilizer.

Catalyst Paste: Bis-GMA, Bis-EMA, TEGDMA, Silanated Barium Glass Powder, Amorphous Fumed Silica, Curing Agent and Stabilizer, Pigment.

INTENDED USE

PrevaCouple is intended for use in dentistry to condition etched silica-based ceramic surfaces prior to the application of adhesive bonding agents, resin cements, or composite materials.

INDICATIONS FOR USE

- All indirect restorations (i.e. crowns, fixed prostheses (bridges), inlay, onlays fabricated from metal composite, porcelain, ceramic, zirconia, alumina, and CAD/CAM restorations).
- Permanent cementation of endodontic posts made of metal, reinforced composite.
- Permanent cementation of implant retained crowns.
- Permanent cementation of inlays/onlays veneers.

SETTING

- Working time: sufficient for placement under normal clinical conditions
- Initial set: 2:00 – 2:30 minutes
- Final set: approximately 5 minutes
- Light curing option: 20 seconds exposure per surface (as needed)

INSTRUCTIONS FOR USE

1. General Dispensing

Insert cartridge into automix dispensing gun. Attach a new mixing tip before each use. Express and discard a small amount of material to ensure proper mixing. Apply mixed cement directly into restoration or preparation site.

2. Metal Restorations to Enamel/Dentin

(Examples: crowns, bridges, inlays, onlays, posts, Maryland bridges)

After try-in, sandblast all internal metal surfaces. Apply a suitable metal primer to all metal areas contacting cement. Clean tooth surface using non-fluoridated pumice or prophyl paste. Apply a universal dentin/enamel adhesive system according to manufacturer instructions. Mix and dispense cement using automix tip. Load cement into restoration, avoiding air entrapment. Seat restoration firmly. Maintain pressure until initial set (2:00–2:30 min). Remove excess cement immediately at initial set using scaler or explorer. Light cure if needed for additional polymerization.

3. Metal-to-Metal Cementation

(Implant prostheses, crowns on posts, metal frameworks)
Sandblast all metal surfaces contacting cement.

Roughen intraoral metal surfaces using bur or micro-etcher if required. Apply metal primer to treated surfaces. Clean posts/abutments with non-fluoridated pumice. Dispense mixed cement into restoration. Seat restoration and maintain position until initial set (2:00–2:30 min). Remove excess cement at initial set stage. Light cure if required.

4. Ceramic Restorations to Teeth

(Veneers, inlays, onlays, ceramic crowns)

After try-in, etch internal ceramic surface according to ceramic manufacturer instructions. Clean etched surface in ultrasonic bath with ethanol or acetone for 1–2 minutes. Air dry thoroughly. Apply silane coupling agent and allow to air dry completely. Clean tooth surface with non-fluoridated pumice. Apply universal dentin/enamel bonding system as per manufacturer instructions. Dispense mixed cement into restoration. Seat restoration firmly, avoiding movement. Maintain pressure until initial set (2:00–2:30 min). Remove excess cement immediately after initial set. Light cure if required.

WARNINGS

- Contains methacrylate monomers; may cause skin sensitization or allergic reactions
 - Avoid contact with skin, eyes, and soft tissues
 - Flammable components may be present in uncured state
 - For professional dental use only
 - Use rubber dam isolation whenever possible
 - Avoid inhalation of vapors
- injection during cementation

PRECAUTIONS

- Wear gloves, mask, and protective eyewear during use
- Avoid cross-contamination between base and catalyst pastes
- Do not reuse dispensed material
- Ensure proper isolation of the operative field
- Follow manufacturer instructions for all bonding agents and primers used in conjunction
- Avoid moisture contamination during cementation

CONTRAINDICATIONS

Do not use:

- In patients with known sensitivity to methacrylate resins or any component of the material
- Direct pulp capping
- On unprepared or unclean bonding surfaces
- In cases where adequate isolation cannot be achieved

ADVERSE EFFECTS

- Eye irritation
- Skin irritation
- Allergic reactions in sensitive individuals
- Respiratory irritation if vapors are inhaled excessively

If any adverse reaction occurs, discontinue use and seek medical attention if necessary.

STORAGE CONDITIONS

- Store at 2–25°C
- Keep away from direct sunlight and heat sources
- Close bottle tightly immediately after use
- Do not freeze

PRESENTATION

Ref.No: PL-0152- Preva Bond 5, Applicators, Dis. Mixing well.


SHELF LIFE

3 years from the date of manufacturing.

DISPOSAL

Dispose of according to local regulations and facility guidelines.

CONTACT DETAILS


 **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 "FLAMMABLE MATERIAL"

 Symbol for "CONSULT INSTRUCTION FOR USE"

 Symbol for "MANUFACTURER NAME & ADDRESS"

 Symbol for "TEMPERATURE LIMITATION"

 Symbol for "MEDICAL DEVICE"  Symbol for "NON STERILE"

 Symbol for "BATCH CODE"

 Symbol for "USE BY"

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