INSTRUCTION FOR USE

PrevaCem DC

(Dual Curing Resin Luting Cement)

PrevaCem DC is a radiopaque resin cement with low film thickness for permanent luting of indirect dental restorations, endodontic posts and implant-retained crowns. The automix tip blends the base and catalyst pastes during dispensing. The mixed cement self-cures, with supplemental light curing available on accessible surfaces.

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.

INDICATIONS FOR USE

- Crowns, fixed bridges, veneers, inlays and onlays made from metal, resin composite, porcelain or other ceramics, including zirconia and alumina.
- Resin-bonded (Maryland) bridges.
- CAD/CAM restorations made from compatible restorative materials.
- Permanent cementation of metal or reinforced-composite endodontic posts.
- Permanent cementation of implant-retained crowns.

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 Check Fit and Isolate

- Verify seating, marginal fit and proximal contacts where applicable. Remove provisional cement and try-in residue from the bonding surfaces.
- Use a rubber dam where feasible. Control saliva and bleeding before applying any adhesive or cement. If the bonding surface becomes contaminated, recondition it according to the relevant material or adhesive instructions.

2 Prepare the Bonding Surfaces

- Identify the restorative material before conditioning the fitting surface of any CAD/CAM restoration.

3 Dispense the Cement

- 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.
- Redirect strong operatory light away from the cement. Dispense only what is required and seat the restoration or post promptly after application.

4 Apply and Seat

- Complete the surface preparation and dispensing steps first. Apply mixed cement without trapping air. Seat the restoration or post to its verified position and keep it stable while the cement begins to set.

Crowns and Fixed Bridges on Natural Teeth

- Apply an even layer of cement to the treated fitting surface. Seat along the path of insertion and verify complete marginal seating. For a fixed bridge, check all retainers. For a resin-bonded bridge, coat the conditioned bonding wings and hold the prosthesis in its seated position.

Veneers and Partial Coverage Restorations

- Apply a controlled layer of cement to the conditioned fitting surface of the veneer, inlay or onlay and seat it fully. Support thin restorations during seating and clean-up. Assess the restorative material and available light access before using supplemental light curing.

Cementation between Metal Surfaces

- Condition the cement-contact surfaces of the metallic restoration and its mating component, such as a metal post and core, with the applicable metal protocol. Follow the component manufacturer's instructions for intraoral surface treatment. Apply cement to the fitting surface, seat fully and maintain steady pressure.

Cementation on Implant Abutments

- Verify seating on the abutment and access to the crown margins during try-in. Clean and treat the abutment and crown fitting surface according to the implant and restoration instructions. Apply a controlled amount of cement to limit extrusion. Hold the crown in position during clean-up and inspect the full peri-implant margin for residual cement.

Endodontic Posts

- Verify post fit before cementation. Prepare and clean the post space according to the post system while preserving the apical seal. Condition the post and use a compatible adhesive if required by the post protocol.
- Apply the cement using the specified post placement method and approved dispensing accessory. Seat the post fully without trapping air and keep it stable. Remove coronal excess at initial set and allow the cement to self-cure throughout the post space.

5 Remove Excess Cement

- When the cement reaches initial self-cure set, remove accessible excess with a suitable scaler or explorer while maintaining seating. Clear the interproximal areas without displacing the restoration. On implant-retained crowns, remove residual cement around the abutment and at accessible peri-implant margins.

WARNINGS AND ADVERSE EFFECTS

Uncured methacrylate-containing cement may cause irritation or sensitisation. Wear gloves, a mask and protective eyewear. Avoid contact with skin, eyes and oral soft tissues.

- Skin contact. Wash immediately with soap and water.
- Eye contact. Rinse immediately with plenty of water and seek immediate medical attention.
- Discontinue use if irritation or an allergic reaction occurs. Seek medical attention as needed.

CONTRAINDICATIONS

Do not use:

- Known hypersensitivity to methacrylates or any component of the product. Direct pulp capping. Cases in which adequate isolation of the bonding field cannot be achieved.

STORAGE CONDITIONS

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

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PRESENTATION

Ref.No: PL-0280- PrevaCem DC, Automix tips, Manual.

SHELF LIFE

3 years from the date of manufacturing.

DISPOSAL

Dispose of according to local regulations and facility guidelines.

CONTACT DETAILS

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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" REF 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"

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

LOT Symbol for "BATCH CODE"

Symbol for "USE BY"

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