

# Holistore

## Dual-Cure Resin-Ionomer

### Store Under Refrigeration

**Important:** *Bring Holistore to room temperature before using!*

**Holistore** is a hydrophilic, restorative material. **Holistore's** physical properties include low cure shrinkage, low coefficient of thermal expansion, and high strength. The material aggressively bonds to dentin, enamel, composite, porcelain, and metal, including stainless steel. The dual-cure formulation assures the integrity of the restoration in areas difficult to light-cure.

### DIRECT RESTORATIONS

**Note:** Remove **Holistore™** from the refrigerator about 30 minutes before needed.

1. Clean tooth surface(s) thoroughly.
2. Prepare the tooth surface according to the type of surface you will be bonding to:
  - a. DENTIN and ENAMEL: For maximum bond strengths, the **Tenure® Multi-Purpose Bonding System** should be applied prior to **Holistore**.
  - b. COMPOSITE/METAL: Roughen surface with diamond or sandblaster. Thoroughly wash and air-dry. Apply **Dry Bond** to degrease and assure that there is a clean, dry surface.

3. Using opposite ends of a plastic instrument (avoid cross-contamination of initiator and shaded paste), briefly stir pastes in their jars and then place equal measures of **Holistore A Initiator** and **Holistore B Paste** onto a mixing pad. Mix well with a plastic mixing stick (DO NOT use metal) for about 20 seconds.

4. Apply **Holistore** onto the area to be restored.

**NOTE:** Material will reach final cure in 3-4 minutes from the time dispensed. The working time is 1 1/2–2 minutes unless the material is light-cured.

5. Finishing: For esthetic areas, apply a thin layer of **Virtuoso® Flowable Clear**. Finish with 12 or 30 fluted bur and polish.

### BASE AND LINER

1. Apply the **Holistore** mixture to dentin surfaces and light-cure.
2. Complete the restoration with **Virtuoso Universal Composite** or take an impression for an indirect restorative. **Holistore** is compatible with any Bis-GMA-based restorative.

### CEMENTING INDIRECT RESTORATIONS

(Metal and PFM Crowns, Inlays, Onlays, Bridges)

**Holistore** can also be used to cement metal and PFM crowns, bridges, inlays, and onlays. Seat the restoration and remove the excess material.

**Note:** For Maryland Bridges and other restorations with little or no mechanical retention, we recommend applying the **Tenure® Multi-Purpose Bonding System** to dentin or enamel prior to the application of **Holistore**.

1. Using a plastic instrument, coat tooth surface(s) and prepared bonding surface of indirect restorative with the **Holistore** mixture. Seat the restorative, noting excess **Holistore** escaping from all margins.
2. Take care not to disturb the restoration. Remove the excess after gel time (approximately 2 minutes) but before final cure (3-4 minutes from time of mix).
3. After the final set (approximately 3-4 minutes), finish the margins with a fine diamond or 12 or 30 fluted bur.

## ORTHODONTIC APPLIANCES

1. For brackets, etch the teeth and apply **Tenure Multi-Purpose Bonding System** to the enamel. Coat the **Holistore** mixture onto the bracket and seat the bracket. Remove excess material with a sable brush dipped in **Tenure S**.
2. For bands, apply **Tenure** to the inside surface of the band and to the enamel. Coat the inside surface of the band and tooth with the **Holistore** mixture and slide the band into place. Remove excess with a sable brush dipped in **Tenure S**. **Holistore** is compatible with any esthetic orthodontic hardware (porcelain, acrylic, or plastic).
3. Light-cure the brackets or bands.

Due to variations in the performance characteristics of light curing units ALWAYS bench test restorative materials before use in vivo.

## STORAGE

**Do not** freeze.

**Do not** expose to direct sunlight.

**Do not** expose to temperatures exceeding 74° F (23° C).

**Refrigerate for maximum shelf life.** Return to room temperature prior to use.

**SDS SHEETS AVAILABLE AT [WWW.DENMAT.COM](http://WWW.DENMAT.COM)**

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