



## Core Paste®

### Core Build-Up/ Posterior Restorative Material

#### Store Under Refrigeration

Core Paste® Syringeable is a creamy, radiopaque core build-up and posterior restorative material with excellent syringeability and control. Core Paste Syringeable is available in Self-Cure White and Dual-Cure Enamel.

**CAUTION:** Wear protective gloves while using this product.



**CAUTION:** Wear eye protection while using this product.

**CAUTION:** Core Paste XP cannot be used in children, pregnant or breast-feeding women.



#### DIRECTIONS FOR CORE BUILD-UP

**Note: Bring Core Paste to room temperature 30 minutes before using to ensure a proper set time.**

1. Clean and isolate the teeth.
2. If you use a Core-Post (Kit No. 033637000), it is important that you etch the tooth/root surface with Etch 'N' Seal® for 15 seconds after you size and fit the post. Then, rinse and air-dry the area.
3. Apply dental adhesive of your choice per manufacturer's instructions, however, ensure final curing of Core Paste cement by curing light.

**Note:** If you are using a light-cure bonding agent, it is important that you apply one coat of BondLink (Kit No. 031148100) after the application of the bonding agent to ensure bonding compatibility. Then, gently air-dry the surface.

BondLink is a coupling agent that bonds between single-bottle adhesives and self-cure composites. BondLink is recommended for use with self/dual-cure composites when using any light cure bonding agent that you are unable to reach with a curing light in order to activate.

#### 4. Auto Mixing:

- a. Align the straight edge of the auto-mixing housing with the syringe flange.
- b. Push the mixing tip onto the syringe and turn 90° clockwise until it stops.
- c. Attach the intraoral tip firmly.

**Note:** You must extrude a pea-sized amount of material after placing the mixing tip on the syringe - discard this material. This is critical to ensure that Core Paste® Syringeable sets properly. Repeat this each time a mixing tip is placed on the syringe.

5. Position the intraoral tip directly into the canal/preparation and dispense Core Paste Syringeable.

6. After Core Paste has cured, prepare the tooth for final restoration.

**Note:** Self-Cure White and White with Fluoride Core Paste Syringeable will cure in approximately 1-2 minutes. Its working time is 45 seconds. If you are using the dual-cure Enamel shade (Kit No. 030645100), self-cure set time is about 21/2 to 41/2 minutes, or you can use a curing light to hasten polymerization. After curing, prepare the tooth for final restoration.

7. Leave the auto-mixing tip on the syringe after dispensing Core Paste syringeable. The tip becomes a cap and seals the syringe. Return unused syringe to the refrigerator.

Additional auto-mixing and intraoral tips are available. Contact a DenMat Sales Representative for ordering information.

## DIRECTIONS FOR TOOTH-COLORED POSTERIOR RESTORATIVES

Core Paste Syringeable Enamel Shade is also indicated for use as a posterior restorative. Core Paste Syringeable has the ideal compressive strength and wear resistance for long-lasting posterior restorations. The Syringeable formula and delivery system make placement faster and easier than conventional posterior composites.

1. Select the Enamel Shade of Core Paste Syringeable.
2. Follow steps 1-6 Core Build-Up directions.
3. Using a small 12-fluted football bur, create anatomy details.
4. Finish and glaze: Use a fine diamond and a 12/30 fluted bur to finish the composite.

Rinse and air-dry the tooth composite surface. Check occlusion and modify as needed. Apply a thin coat of Virtuoso® Flowable Clear to add natural luster and additional wear resistance. Light-cure Virtuoso Flowable, starting with the recommendations below.

Optional Shade Matching–To alter the shade of the restorative, apply a thin coat of the desired shade of Virtuoso Flowable instead of the Clear Shade.

Due to variations in the performance characteristics of light curing units ALWAYS bench test restorative materials before use in vivo. Curing test rings are provided for this purpose.

- a. Fill the 2mm deep well of the test ring and level material.
- b. Position the light transmitting element perpendicular to and approximately 2mm-5mm above the top surface of the ring.
  - With Sapphire PAC lights (all models) start with 5 second exposures.
  - With Flashlite LED lights (all models) start with 10 second exposures. approximately 2mm-5mm above the top surface of the ring.
  - For all other curing lights; halogen, LED and others refer to the manufacturer instructions. A minimum of 10-30 seconds is recommended.
- c. Use a dental probe to scrape test the hardness of the top and bottom surfaces. The bottom surface should be as hard as the top surface.
- d. If the bottom surface is not completely cured repeat steps (b) to (c). Repeat until the bottom surface is completely cured.

- e. Maintain a log including material, shade and associated curing exposure time. Use the log to monitor system performance.

Note: If a cavity preparation is deep, curing exposure times must also be increased due to beam divergence and angular placement of the light transmitting element to the restoration. An incremental filling technique is recommended and each increment should be fully cured prior to applying additional layers.

General guidelines for curing light unit exposure times. See manufacturer's instructions. ALWAYS bench test restorative materials before use in vivo.

- Curing lights with power density greater than 800 mW/cm<sup>2</sup>. Cure the buccal and lingual with 10 second exposures for each area.
- Curing lights with power density less than 800 mW/cm<sup>2</sup>. Cure the buccal and lingual for 20 second exposures for each area.
- Curing lights with power density less than 300 mW/cm<sup>2</sup> should not be used to cure.

## STORAGE

Refrigerate for maximum shelf life.


Do not expose to temperatures exceeding 77° F (25° C).

Do not expose to direct sunlight.

Do not freeze.

Bring the product to room temperature prior to use.

## SAFETY DATA SHEETS AVAILABLE AT [denmat.com](https://denmat.com)

 Den-Mat Holdings, LLC  
1017 W. Central Avenue  
Lompoc, CA 93436 USA



MDSS GmbH  
Schiffgraben 41  
30175 Hannover, Germany



Symbols Glossary available at: [denmat.com/symbols](https://denmat.com/symbols)