



Core Paste®

Core Build-Up/Posterior Restorative Material, Self Cure



Store Under Refrigeration

Core Paste® is a creamy, radiopaque core build-up material and posterior restorative with excellent syringeability and control. **Core Paste** is available in Dual Cure, Enamel and White. For best results, use the **Tenure® Multi Purpose Bonding System** prior to placement of **Core Paste**.

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

DIRECTIONS FOR CORE BUILD-UP

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 a mixture of **Tenure A** and **B** (Kit No. 031146000) to the tooth/root surface per instructions.
4. Gently air-dry.

Note: If you are not using **Tenure A** and **B** and you are using any of the following products, 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.

5. Remove equal portions of **Core Paste A** and **B** and mix until well blended on a mixing pad for 15-20 seconds.
6. Apply **Core Paste** to the tooth using one of the following methods:
 - Load **Core Paste** into a syringe tip and syringe **Core Paste** in the canal.
 - Apply **Core Paste** on the prepared tooth for a crown/core build-up.
7. Allow **Core Paste** to cure for 3–4 minutes. **Quick-Cure Core Paste** cures in approximately 1½–2 minutes.
8. Prep the tooth for final restoration.

DIRECTIONS FOR TOOTH-COLORED POSTERIOR RESTORATIVES

Core Paste® Enamel Shade is also indicated for use as a posterior restorative. **Core Paste** has the ideal compressive strength and wear resistance for long-lasting posterior restorations.

1. Select **Core Paste Enamel** or **Enamel with Fluoride**.
2. Follow steps 1-7 in DIRECTIONS FOR CORE BUILD-UP.
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 a natural luster and additional wear resistance. Light-cure **Virtuoso Flowable**.

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.
 - For all other curing lights; halogen, LED and other 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/cm². Cure the buccal and lingual with 10 second exposures for each area.
- Curing lights with power density less than 800 mW/cm². Cure the buccal and lingual for 20 second exposures for each area.
- Curing lights with power density less than 300 mW/cm² should not be used to cure.

STORAGE

Store under refrigeration.

Do not expose the product to temperatures exceeding 75° F (24° C).

Do not expose the product to direct sunlight.

Do not freeze.

Bring the product to room temperature prior to use.

RELATED PRODUCTS AVAILABLE FROM DENMAT

Description	Kit Number
Self-Cure Core Paste	
Core Paste White.....	6100
Quick-Cure Core Paste	
Core Paste Enamel Shade Quick-Cure	030616325
Self-Cure Core Paste with Fluoride	
Core Paste with Fluoride Enamel Shade	030616025
Syringeable Core Paste	
Core Paste Syringeable White.....	030635100
Core Paste Syringeable White with Fluoride.....	030625100
Core Paste Syringeable Enamel Dual-Cure.....	030645100
Core Paste XP	
Core Paste XP Enamel with Fluoride.....	030652110
Core Paste XP Enamel.....	030653110
Core Paste XP White	030654110
Core Paste XP White with Fluoride.....	030655110
Bonding Agents	
Tenure® Multi-Purpose Bonding.....	031146000
Tenure® Uni-Bond® with Gloss-N-Seal®	030411900
Core-Post	
Core-Post Value Kit 50 pc	033637000

MSDS SHEETS AVAILABLE AT WWW.DENMAT.COM