



Core Paste®

Self-Cure Core Build-Up/Posterior Restorative Material

Store Under Refrigeration

Core Paste is a creamy, radiopaque core build-up material and posterior restorative with excellent syringeability and control.

INTENDED Use: Composite core build-up material. Use for the cementation of posts and pins, as a composite for crown build-ups, repairing and preventing split roots and for integral post and core procedures in one visit. Eliminates the need for a cast post. Enamel shade may also be used as a posterior restorative material.

CAUTION: Wear protective gloves while using this product.

CAUTION: Wear eye protection while using this product.

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

DIRECTIONS FOR CORE BUILD-UP

Important: Bring Core Paste to room temperature 30 minutes before using to ensure 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 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 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.

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 1 1/2-2 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 thincoat 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.

- a. Fill a 2mm 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/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 77° F (25° 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

SAFETY DATA SHEETS AVAILABLE AT denmat.com

Symbols Glossary available at:
denmat.com/symbols



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