

TECHNICAL BULLETIN

Instructions

NEWCORE™

Core Build-Up Restorative

INDICATIONS FOR USE:

For use in the build-up of teeth lacking sufficient coronal structure prior to placement of crowns or bridges and for cementing pins and posts.

CONTRAINDICATIONS:

This product should not be used where patients have known hypersensitivity to methacrylate monomers.



Cat. No. 57-01

KIT CONTAINS:

- Restorative in Dual Barrel Cartridge, 68g (about 48cc)
- 15 Static Mixers
- 15 Tips

NewCore™ Kits Also Available:

- Cat. No. 57-02: Natural (Vita A3) Kit
- Cat. No. 57-03: Contrast (Blue) Kit

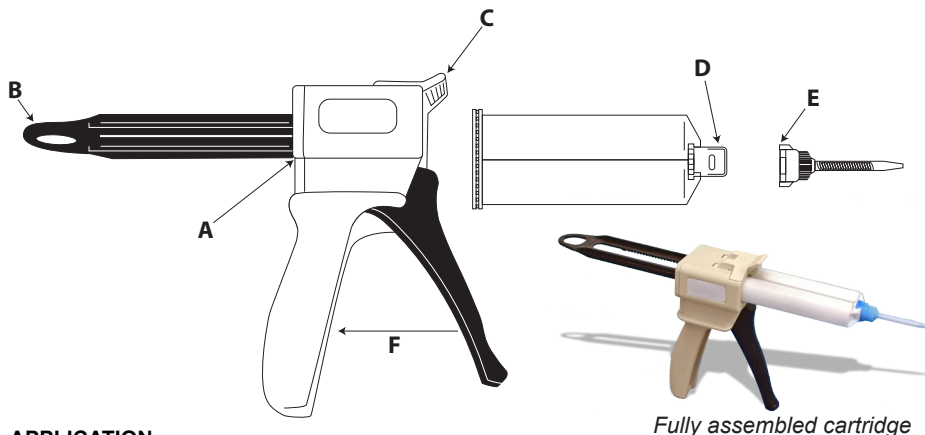
OUTSTANDING FEATURES OF THE MATERIAL

- Automix System, combined with optimized consistency and rheological characteristics of the restorative, facilitates handling
- Convenient and consistent working and curing times
- Good mechanical strength
- Excellent x-ray opacity
- Availability in three desirable color versions (White/Opaque, Natural and Contrast)
- “Needle point” tips allow for precise application

INSTRUCTIONS FOR USE

I. ASSEMBLING THE CARTRIDGE SYSTEM

1. Push up the small lever (A) in back of the applicator. Make sure plunger slide (B) is pulled back completely into the applicator.
2. Lift lever (C) on top of the syringe and insert cartridge. Note: Notch on bottom of the cartridge aligns with the notch on the applicator. Push down firmly on lever (C) to lock in cartridge.
3. Before attaching static mixer, remove cartridge cap (D) by turning 90° counter-clockwise; pull and remove it.
4. Line up the notch on the static mixer (E) with the corresponding notch on the cartridge. Push it onto the cartridge and turn it clockwise 90° until it locks into position.
5. The material is dispensed through the static mixer by pressing the trigger (F) of the dispenser.



II. APPLICATION

NewCore™ may be used without pins or posts or in conjunction with them if their use is deemed desirable or necessary.

1. Prepare the abutment tooth (teeth). When using a cartridge for the first time, purge a small amount of material to ensure that both pastes are extruded equally. Discard the purged material.
2. Dispense the mixture onto the preparation and shape with plastic or metal instruments or place it into a crown form, which is then placed onto the tooth.
3. The working time is approximately 60 seconds.
4. Removal of crown forms (if used) and final shaping and finishing may start 2 minutes after *NewCore™* is placed on the tooth.

III. REMOVAL OF CARTRIDGE

- 1. Push lever (A) and pull back the plunger side (B).
- 2. Lift lever (C) on top of applicator and remove cartridge.
- 3. Replace the cap on the cartridge.

PHYSICAL PROPERTIES

CHARACTERISTICS OF THE MATERIAL	
Working Time at 23°C (73°F)	Min. 60 secs.
Setting Time at Body Temperature	120 secs.
Water Extractables (7 days, 37°C)	Below .02 mg/cm ²
pH	Neutral
Compressive Strength	ca. 36,000 PSI

STORAGE AND SHELF-LIFE

Store at temperatures not exceeding 73°F (23°C). When stored under such conditions, the materials shelf life is 18 months. Refrigerate when the material is not in use (for example, overnight and on weekends). Routine refrigeration may increase the shelf life to two years. Remove from refrigeration at least 15 minutes prior to use.

Additional Products from Scientific Pharmaceuticals:

Cemper® : A two-step curing permanent luting agent
CuRAY-II® : Visible light-cured, highly filled composite restorative for use primarily in Class I & II Restorations
CuRAY-Eclipse® : Visible light-cured orthodontic adhesive
CuRAY-Fil® : Visible light-cured, resin-based restorative material
CuRAY-Match® : Visible light-cured paint-on restorative and veneer cement
CuRAY-PriMet® : Metal primer, compatible with light-cured paint-on restoratives
CuRAY-Support® : Self- and light-cured core build-up restorative
Cure-On-Touch® : No-mix orthodontic adhesive
Diamond Luster® : Polishing paste for dental ceramic
Fastfil® : Saliva-cured temporary restorative
FloroPhos® : Topical fluoride gel for decay prevention; available in 3 flavors
Glasion® : Glass ionomer cement and cavity liner
Luster® : Dental polishing paste for composite restoratives, amalgams and castings
Microjoin® : Crown and bridge cement/adhesive
Support P/L® : Core build-up restorative, paste/liquid type
Tempo-Rex® : Light-cured temporary restorative
Until® : Eugenol-free, resin based temporary crown and bridge cement

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For technical information, call or write:

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