



TECHNICAL BULLETIN  
Instructions

# NEWCORE™

Core Build-Up Restorative

**CONTENTS:**

- 68g (circa 48cc) of restorative in Dual Barrel Cartridge
- 15 static mixers
- 15 tips



**KIT VERSIONS AVAILABLE:**

- Cat. No. 57-01, White/Opaque
- Cat. No. 57-02, Natural (Vita A3)
- Cat. No. 57-03, Contrast (Blue)

Cat. No. 57-01

## 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. GENERAL INSTRUCTION

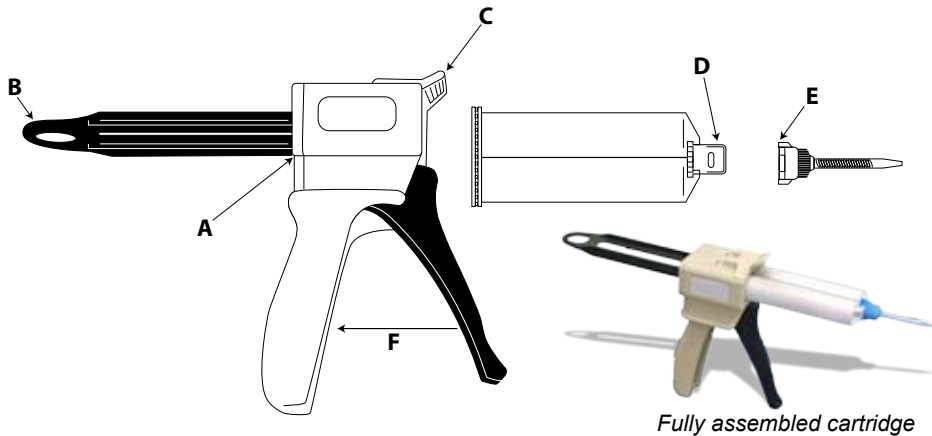
*NewCore™ may be used without pins or posts or in conjunction with them if their use is deemed desirable or necessary.*

1. Prepare the abutment tooth (teeth). When using a cartridge for the first time, purge a small amount of material to insure 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 level (A) and pull back the plunger slide (B).
2. Lift lever (C) on top of applicator and remove cartridge.
3. Replace the cap on the cartridge

Cat. No. 57-01/57-02/57-03



### CHARACTERISTICS OF THE MATERIAL

Working time at 23°C (73°F)	min. 60 seconds
Setting time at body temperature	120 seconds
Water Extractables (7 days, 37°C)	Below 0.02 mg/cm <sup>2</sup>
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 PL**® : 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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