



CORE-FLO™ DC

Dual-Cured Flowable Core Build-Up, Dentin Replacement Material

CORE-FLO DC is a versatile dual-cured, fluoride-containing material that is ideal for core build-ups, post cementation and dentin replacement. CORE-FLO DC is radiopaque and available in two aesthetic shades, NATURAL/A1 and OPAQUE WHITE and a contrasting BLUE to meet all of your direct and indirect restorative requirements.

- **High Strength** and low water sorption assures a strong foundation for crowns and direct restoratives - cuts just like dentin
- **Non-Slumping material** allows for predictable placement and a simplified core build-up and post cementation technique
- **Low Shrinkage properties** allow it to be used effectively as a dentin replacement material
- **Excellent Flowability** - void-free consistency makes it ideal for post cementation



Data on file. BISCO, Inc.

PHYSICAL PROPERTIES	Light-Cured	Self-Cured
Diametral Tensile Strength	53 (4) MPa	48 (2) MPa
Compressive Strength	266 (17) MPa	261 (8) MPa
Flexural Strength	129 (15) MPa	114 (16) MPa
Flexural Modulus	11 (0.4) GPa	10 (0.2) GPa
Barcol Hardness	76 (1)	71 (1)
Shrinkage	2.5 (0.05)%	2.2 (0.1)%
Film Thickness	25 (3.4) µm	
Radiopacity	1.6 (0.08) mm	
Water Sorption	Wsp=13 (1.1) ug/mm ³	
Water Solubility	Wsi = 0 ug/mm ³	
Working Time / Setting Time	Min. 2 Minutes / Max. 7 Minutes At room temperature (20°C/68°F - 25°C/77°F)	

CLINICAL SIGNIFICANCE

- Dual-cured, flowable core material saves time when cementing posts and building the core
- Void-free flow when cementing the post, and core provides homogenous bond to substrates
- Radiopaque material is easily identified on radiographs

Ordering Information

- **CORE-FLO DC Natural/a1 - Opaque White Intro Kit**
1 Dual-Syringe CORE-FLO DC Shade: Natural / A1, 1 Dual-Syringe CORE-FLO DC Shade: Opaque White, 1 Syringe UNI-ETCH® w/BAC (5g), 1 Bottle ONE-STEP® (2ml), Accessories, Instructions/MSDS Plus a dual-syringe dispenser is also provided
- **REFILLS (Natural, Opaque White, or Blue)**
CORE-FLO DC - 1 Dual-Syringe (Base/Catalyst 8g, mixed), Accessories, Instructions/MSDS

Post Cementation and Core Build-up Technique



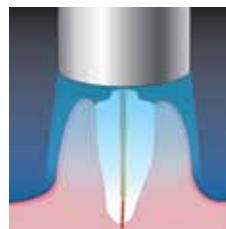
Apply Bisco 32% or 37% phosphoric acid etch to the canal. Etch for 15 seconds. Rinse.



Blot the canal with a large paper point to remove excess moisture.



Apply 1-2 coats of Bisco adhesive. Blot excess from canal until dry.



Light cure for 10 seconds or let it self-cure, if using All-Bond 2 or All-Bond 3.



Determine post length.



Coat the post with 1 coat of adhesive. Light cure for 10 seconds.



Prepare the Dual-Syringe Dispenser for CORE-FLO™ DC.



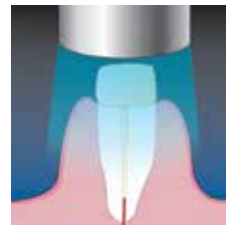
Express CORE-FLO™ DC.



Seat the post, maintaining firm pressure for 5-10 seconds.



Continue to express CORE-FLO™ DC around the post to build-up the core.



Remove excess material and light cure for 40 seconds or allow to self cure.



Complete preparation prior to impression.