



ALPHA-CORE® DC

DUAL CURE CORE BUILD UP MATERIAL

ALPHA-CORE® DC PROVIDES ↓

RADIOPAQUE

DUAL CURE

AUTOMIX CARTRIDGE

IDEAL MECHANICAL PROPERTIES

NATURAL (A2) AND BLUE SHADES



DUAL CURE CORE BUILD UP MATERIAL

Alpha-Core® DC is a highly filled radiopaque, dual cure resin based composite core build up material in an automix cartridge. The material is designed specifically for core build-ups and cementation of posts and pins. The material exhibits ideal mechanical properties with high compressive and tensile strength yet maintaining a dentin like feel when cutting. Its ideal handling characteristics allows for direct placement of the material with Intra Oral tips.

Alpha-Core® DC is available in two shades: a Natural Shade (A2) for use under ceramic crowns and Blue Shade to distinguish core material from the tooth structure.

Physical/ Mechanical Properties

Working Time (Blue Shade) at 23 °C, seconds	110
Working Time (Natural Shade) at 23 °C, seconds	110
Setting Time (Blue Shade) at 37 °C, seconds	135
Setting Time (Natural Shade) at 37 °C, seconds	135
Depth of Cure (Blue Shade) at 20 sec., mm/2	1.6
Depth of Cure (Blue Shade) at 40 sec., mm/2	1.9
Depth of Cure (Natural Shade) at 20 sec., mm/2	2.0
Depth of Cure (Natural Shade) at 40 sec., mm/2	2.6
Flexural Strength, MPa	143

ALPHA-CORE® DC

REF122.0003.002 NATURAL KIT

REF122.0004.002 BLUE KIT

KIT CONTAINS:

- 50g CARTRIDGE
- 10 AUTOMIX TIPS with BENDABLE INTRA ORAL TIPS

DENTAL TECHNOLOGIES, INC.

6901 N. HAMLIN AVENUE
LINCOLNWOOD, ILLINOIS 60712 USA

1.800.835.0885 TOLL FREE [US/CANADA]

1.847.677.5500 PHONE

1.847.677.5502 FAX