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CompCore AF Cartridge Stack ++++1/2

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Consultants' Comments

- ▶ "Simple, easy, fast dispensing, and predictable results using the Accor Matrix."
- ▶ "Opaque colors help distinguish the core from the tooth structure."
- ▶ "It would be nice to quicken the setting time for the chemical cure alone."

Description

CompCore AF Cartridge Stack is a dual-cured, fluoride-releasing, radiopaque, core build-up material. **CompCore AF Stack** reportedly features Hyperbranched Technology for more complete polymerization and less shrinkage. Packaging includes an Intro Kit with a 50-g automix cartridge, dispensing gun, *IntegraBond*, *Bond Boost SE*, disposable *Accor Matrix* core forms, mixing and intraoral tips. Refill kits include cartridge, tips and *Accor Matrix* core forms. Working time for **CompCore AF Cartridge Stack** is 2.5 to 3.0 minutes at 72° F, but decreases at higher temperatures. Setting time for light-cured and chemically-cured material is 40-50 seconds and 4.5 minutes, respectively. The manufacturer stresses the use of a bonding system compatible with dual- and self-cure composites and recommends self-etching primer *Bond Boost SE™* with *IntegraBond™* bonding agent. Refrigeration of **CompCore AF Cartridge Stack** is recommended for maximum shelf life, and the material should be allowed to come to room temperature before use. **CompCore AF Cartridge Stack** is available in shades A3 and white. **CompCore AF Cartridge Stack** was evaluated by 20 consultants in 323 core build-ups. The product received a 91% clinical rating.

Suggested Retail Cost

- \$166.70/Intro kit
- \$273.95/refill kit

Product Features

Consultants rated **CompCore AF Cartridge Stack** overall as good to excellent. Consultants found the initial flow and adaptation to be good for a core build-up. Several consultants commented that the "stack" version was more versatile than the previously evaluated *CompCore AF SyringeMix Flow*. Manufacturer instructions, packaging, ease of preparation, and dispensing were the highest rated characteristics. The shade differentiation to tooth structure is very good, but several consultants found the A3 shade to be very opaque and somewhat challenging to block out underneath an all-ceramic restoration. A more translucent shade would be a solution to this concern. Several consultants found the working time to be short but were able to compensate for this by working expeditiously. Setting time is very good when light cured. However, several consultants expressed some concerns about the length of time of the chemical cure,

especially when using **CompCore AF Cartridge Stack** during the cementation of a post. Forty-eight percent of consultants found **CompCore AF Cartridge Stack** to be equal to or better than their current composite build-up material, and 44% of consultants would recommend **CompCore AF Cartridge Stack** to a colleague.

Clinical Tips

- Take a probe or explorer and run along margins to improve adaptation.
- Make sure you work fast! Material sets quickly in the mouth.

More About: [Premier Dental Products Co](#), [Core Material](#)

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