

PREMIER

Build Up Cores Confidently & Avoid Slumping!

CompCore AF is a durable, reliable, fluoride-releasing composite that's uniquely formulated to stay where it's placed

In dentistry, the bar for core build-up material is set quite high—it must avoid slumping yet be flexible enough to allow easy placement for buildup, shaping, and finishing. CompCore AF meets this challenge with a unique formulation that offers superior mechanical properties, along with fluoride release for long-term restorative success.

Designed for direct fabrication of core buildups, CompCore AF is an automix dual-cure composite material that stays where it's placed—even in challenging maxillary core build-ups—yet flows under pressure for exceptional adaptation.

"I typically use CompCore AF when I do restorations for root canal-treated teeth and I use it for post-endodontic buildups and following post cementation," explained Ross Isbell, DMD, MBA, in Gadsden, AL, adding that he's able to use it for core buildups with or without a post.



Ross Isbell,
DMD, MBA

"It's the reliability—that's the reason why I tell other dentists to use it. Overall, I choose CompCore AF because it's fast, flowable, and releases fluoride."

Fast and Dual-Cure

CompCore AF offers enhanced curing properties, with a unique dual-cure capability that provides the flexibility to either self- or light-cure. Clinicians can save valuable setting time when choosing to light-cure their composites—and at up to 8 mm in just 30 seconds, it's lightning fast. When light-curing is not an option, CompCore AF can self-cure in 4.5 minutes intraorally.

"Having a dual-cure material for core buildups or any situation where there are undercuts, or where the locations are deep enough to prevent light curing is critical—it's a tremendous benefit and has really improved my workflow efficiency," Dr. Isbell added.

Radiopaque and Translucent

The shades available allow for a more natural tooth appearance that can minimize the chance of shadows under ceramic crowns, yet still provide good contrast. Additionally, CompCore AF is highly radiopaque.

"I feel like the adaptation and consistency make it an ideal dual-cure composite for deep restorations, and it's great for high caries-risk patients, too," Dr. Isbell said.

Outstanding Handling

CompCore AF provides optimized handling due to its unique formula and nanofillers, which together create an ideal viscosity for convenient handling and durability. Stackable with excellent modeling properties, the unique formulation also reduces the chance of ditching and many dentists will likely compare it to prepping actual dentin.

"I like the consistency of CompCore AF because I feel that it flows easily into all the nooks and crannies of a preparation or post space, and it maximizes the effective surface area of the restoration," Dr. Isbell shared.

Superior Strength

While CompCore AF's formula helps to ensure superior handling, the material is also formulated using Hyperbranched Technology to enhance polymerization and be exceptionally strong, with a compressive strength of 250 MPa. It is also highly reliable, with a minimum shrinkage of <2.0% for vital and endodontically treated teeth.

"It's the reliability—that's the reason why I tell other dentists to use it," Dr. Isbell shared. "Overall, I choose CompCore AF because it's fast, flowable, and releases fluoride," he added.



5 FAST FACTS ABOUT COMPCORE AF

- 1 Flexibility to save time by light curing up to a depth of 8-mm (A3 and White shades) or allow to self-cure in 4.5 minutes intraorally
- 2 Greater translucency for a more natural tooth appearance that helps minimize shadows under ceramic crowns
- 3 Formulated to stay put even in difficult maxillary core buildups, yet flows under pressure for excellent adaptation
- 4 Hyperbranched Technology and nanofillers offer superior mechanical properties and long-term clinical success
- 5 SyringeMix Stack comes in 9-gram automix syringes and is available in shades White, A3, or Blue

