

THE DENTAL ADVISOR

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CompCore AF

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Description

CompCore AF is a dual-cured, automixed composite for the fabrication of core build-ups. It is radiopaque, has fluoride release and is based on a booster molecule that optimizes the polymerization of the free monomer to reduce polymerization shrinkage and improve compressive strength. The working time is 2.5 minutes. Self-cured setting time is 3.5 minutes and light curing takes 40 seconds. The introductory kit contains a 50-g cartridge of **CompCore AF**, 4-ml bottles of **Integrabond** and activator, a mixing gun, mixing tips, intraoral tips, and core matrix forms. Two shades (white and Vita A3) are available. Twenty consultants evaluated **CompCore AF** in 262 clinical applications.

Suggested Retail Cost: \$200.00/introductory kit

Product Features

The introductory kit of **CompCore AF** contains all the necessary materials for bonding, dispensing and placing core build-ups. The material has a viscosity that allows cementation of a post concurrently with the placement of the core without any voids in the mix. Adaptation to the post and to undercuts in the preparation was judged to be very good. The dual-cured feature permits adequate working time, but setting can be accelerated by light curing. Resistance to cutting is similar to dentin, resulting in a smooth prepared surface. The available shades, white and Vita A3, provide options if a color contrast or dentin shade is required. Seventy-five percent of consultants rated **CompCore AF** the same as or better than the core material they were currently using, 85% would recommend it and 65% would purchase it.

Consultants' Comments

- "Easy to distinguish from the tooth surface."
- "Easy handling, and the working time is good."
- "Sags before curing - material needs to be a little more viscous."