

Kuraray America, Inc.
www.kuraraydental.com

92%
overall
rating

Description

PANAVIA V5 is a dual-cured, fluoride-releasing adhesive resin cement. This versatile universal cement can be used for all restorative applications requiring the use of adhesive resin cement. The

PANAVIA V5 Standard Kit comes in an all-in-one kit with one color-stable esthetic shade of cement in a 4.6 mL automix syringe, together with 20 automix tips. The dual-cured shades available in a kit include A2 (Universal), or Clear. Shades Brown (A4), White, and Opaque (self-cure) are available as separate refills. The intraoral working and self-curing setting times once the cement comes into contact with the Tooth Primer are 60 seconds and 3 minutes, respectively, at 99° F (37° C). The cement can also be light-cured in 10 seconds, while tack-curing can be achieved in 3 to 5 seconds using a Blue LED light. At a room temperature of 73° F (23° C), the total working time after dispensing is 2 minutes. The **PANAVIA V5 Standard Kit** also includes a 3 mL syringe of 35% phosphoric acid etchant that also contains silica, a 4 mL bottle of self-etching Tooth Primer that bonds to all tooth structures, and a 4 mL bottle of **CLEARFIL CERAMIC PRIMER PLUS** that bonds to all silica-based ceramics (including lithium disilicate), zirconia, composites and metals. The remaining contents of the kit are 5 endo tips, a 1.8 mL syringe of try-in paste, 20 needle tips, 1 mixing dish, 50 applicator brushes, a laminated flow chart, the manufacturer's instructions for use, and a storage case.

Indications

- Crowns, bridges, posts, adhesive bridges, inlays, onlays and veneers
- Implant restorations
- Splints
- Amalgam bonding

Unique Features

PANAVIA V5 is an all-in-one kit. The self-etching Tooth Primer contains new catalysts that accelerate cement curing and provide for high bond strengths to all tooth structures in the self-cured mode. **CLEARFIL CERAMIC PRIMER PLUS** contains the original MDP adhesive monomer and a γ-MPS silane monomer that enhances bond strength to restorative materials. **PANAVIA V5** is amine-free for color-stability.

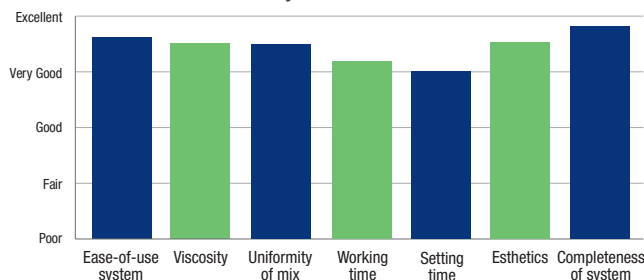


Evaluation Highlights

PANAVIA V5 was evaluated by 31 consultants.

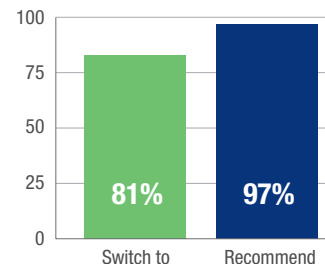
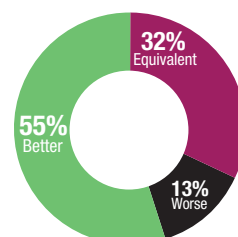
- Complete, convenient and well-organized system.
- Easy to use and easy cleanup.
- Excellent bond strength.
- Good viscosity.
- Patients had no post-operative sensitivity.

Key Features:



Compared to Competitive Products:

Percentage of Consultants Who Would:



Consultants' Comments

- "Excellent product."
- "This cement can be used in multiple situations. In my office, less (products) is more."
- "I like the fluoride-release and excellent retention."
- "It is versatile and strong. I have used it to re-cement crowns and bridges on very short, fractured teeth with minimal retention, and the restorations have stayed on."
- "Good color-coded instructions for use."
- "A 'must have' for any dental office."
- "Shades were too opaque in some instances."
- "It would be nice if there were fewer steps, and a faster setting time."

Clinical Tips

- Make sure to remove excess cement at the tack-cure stage, as once curing is complete, it becomes difficult to remove, especially interproximally.
- The opaque cement may take longer to self-cure.
- The cement sets quickly, so make sure the crown is completely seated before removing excess cement.
- 3 to 5 seconds was the ideal tack-curing time.
- Great for preparations with minimal retention.