

TopCEM Vigor SA

Chairside & Labside Application

Chairside Cementation Procedure of Zirconia Crown



1 Sandblast the surfaces to be cemented.
 2 Clean the blasted surface with alcohol or water.
 3 Dry with oil-free air.
 4 Clean the tooth to be cemented, rinse with water
 5 Lightly air dry, or use cotton pellets to dry it off.



6 Place 1:1 mixed TopCEM Vigor SA onto the surface.
 7 Seat the restoration.
 8 Light cure excess cement from the margin for 1 second, remove and clean.
 9 Light cure each side for 20s, or wait for 4.5 mins.
 10 Finish and polish, adjust the occlusal.

Labside Cementation Procedure of Abutment and Crown



1 Clean and dry with oil-free air.
 2 TopCEM Vigor SA prepared.
 3 Apply the cement to coat the surface.
 4 Seat the crown to the abutment.
 5 Light cure the excess cement in the margin for 1 second, remove and clean.
 6 Light cure each side for 20s, or wait for 4.5 mins.

>> Packaging

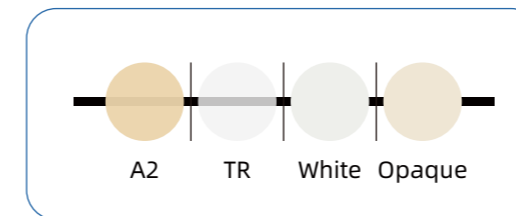
· Contents

- TopCEM Vigor SA 8g/syringe
- TopCEM Vigor SA 8g/syringe + mixing tips (helical mixers+wide mixers+intra-oral tips)



>> Shade

A2, TR, White Opaque, Universal Opaque



HUGE

TopCEM Vigor SA

Self-Adhesive Resin Cement



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TopCEM Vigor SA

Self-Adhesive Resin Cement

TopCEM Vigor SA is a dual-cure resin cement combining light-cure and self-cure capabilities. It eliminates etching and bonding and ensures a reliable, long-lasting bond for a wide range of indirect restorations across chairside and labside use.



One-Step Simplicity
Etch, prime, and bond in one single step.



Dual-Cure Flexibility
Dual-cure for guaranteed polymerization.




Seamless Esthetics
PTHP Technology provides excellent color stability



29 MPa Outstanding Strength
Outstanding bond strength to zirconia & metal.

INDICATIONS

- Cementation of all-ceramic, composite, and metal crowns, bridges, inlays, onlays, dental posts; 2-3-unit Maryland bridges and 3-unit inlay/onlay bridges (contraindicated for patients with bruxism or periodontitis).
- Cementation of fiber posts.
- Cementation of all-ceramic, composite, and metal restorations on implant abutments.

Technical Parameters			
 Flexural Strength/ MPa	113	 Compressive Strength/MPa	259
 Working Time at 23°C/s	123	 Setting Time at 23°C/s	150
 Storage	2°C~25°C	 Film Thickness/μm	8.4
 Solubility/μg/mm ³	0.6	 Water Absorption/μg/mm ³	27.8
 Shelf Life	2 years	 Shades	A2/White/TR/Opaque

*Data from HUGE lab.



High Bond Strength

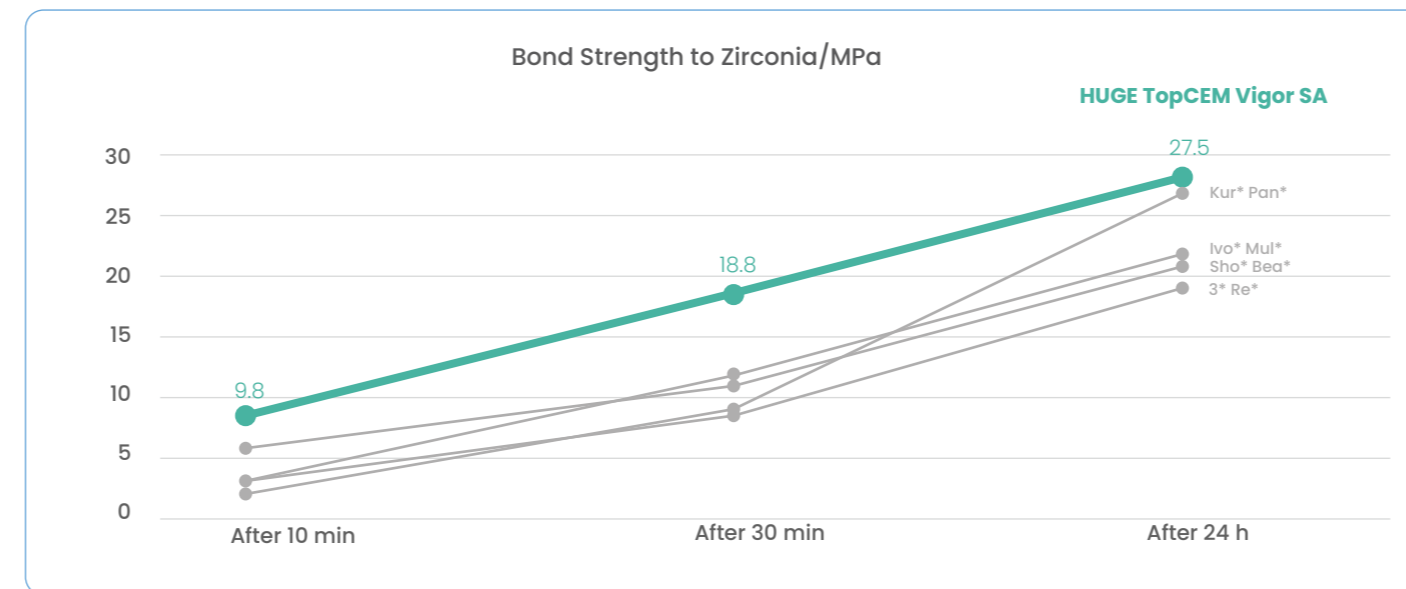
Strong adhesion across substrates.

Compared with other self-adhesive cements, TopCEM Vigor SA demonstrates high bond performance to all substrates, especially when working with metal and zirconia. **MDP monomer**, combined with HUGE self-curing technology, ensures this cement provides reliable and long-term bond strength that every patient feels safe.



TopCEM Vigor SA & Zirking Zirconia Block

Achieve ultimate bonding by pairing TopCEM Vigor SA with HUGE Zirking zirconia blocks, from lab-side implant abutment bonding to chair-side clinical restorations. It offers strong bonding between zirconia, metal, and tooth structure, delivering exceptional, long-lasting stability of up to 29 MPa.



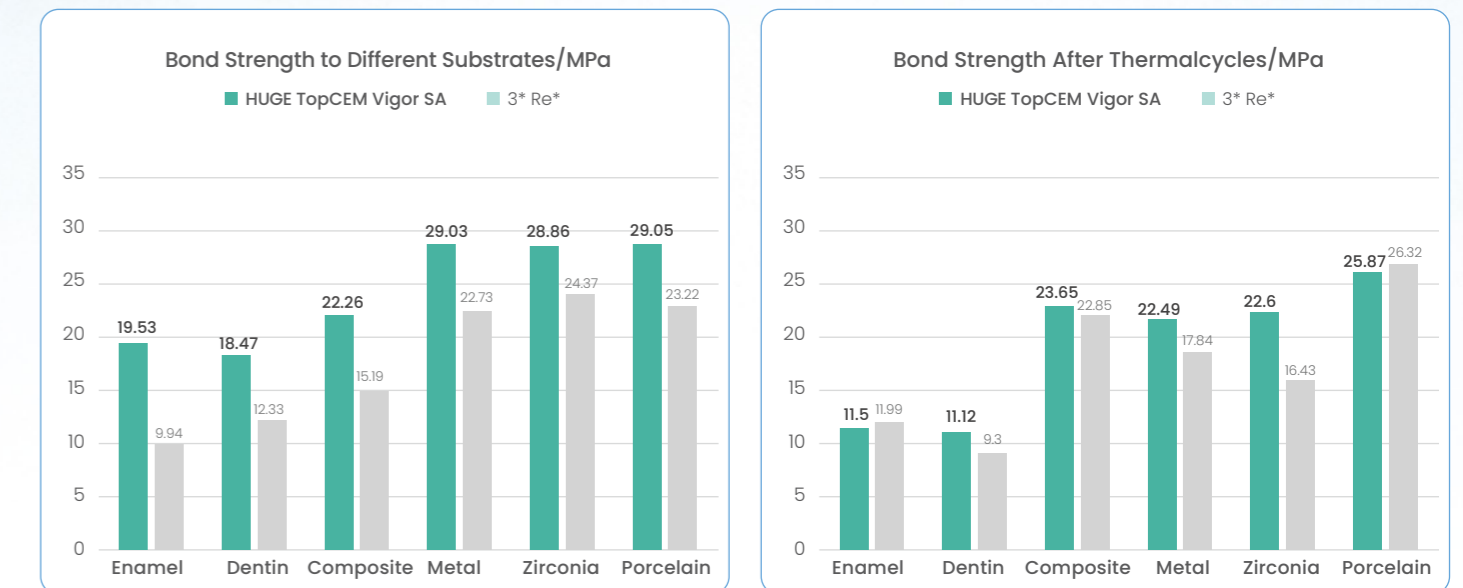
PROVEN PERFORMANCE

TopCEM Vigor SA establishes a high initial bond to zirconia within the critical first 10 to 30 minutes post-cementation, significantly minimizing early restoration displacement. At 24 hours, it delivers superior, ultra-stable chemical adhesion that continues to peak for dependable, long-term clinical retention.

*Data from HUGE lab.

Durable and strong restorations

TopCEM Vigor SA maintains restorative stability through the dual power of mechanical excellence and bio-protection. Designed with industry-leading compressive and flexural strength, it provides a solid foundation for any indirect restoration. Its continuous **fluoride-release** system also acts as a 24/7 guardian for natural tooth structure.



Designed for ultimate durability, TopCEM Vigor SA maintains strong retention even after 5,000 thermocycling, making it ideal for all major dental substrates. Powered by **HUGE PTHP Redox Technology**, this cement has excellent **thermal stability** to prevent premature curing while ensuring flawless aesthetics with a post-cure color shift of $\Delta E < 1$.

