

A better  
zirconia cementation  
solution is here!



## ZR-Cem®

### Self-Adhesive Universal Resin Cement

ZR-Cem® is an innovative self-adhesive universal resin cement specially formulated for zirconia restorations. Dual-cured ZR-Cem enables a strong bond to all ceramic materials, dentin and enamel - ensuring superior retention and marginal integrity.



Innovative MDP formula  
*Enhances adhesion & bond  
to zirconia substrates*



Lasting color stability  
*BPO/amine-free initiation system*



Virtually no post-operative sensitivity  
*Ensures patient comfort*



No pre-treatment is necessary  
*Dispense the cement and  
seat the restoration*



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# ZR-Cem®

## Self-Adhesive Universal Resin Cement

### Easy to use

- ✓ No pre-treatment necessary
- ✓ Optimal viscosity, easy handling
- ✓ Room temperature storage



3-second tack cure



Easy clean-up

Photos courtesy of Timothy M. Bizga, DDS

### Light cure

2-3 seconds tack cure - easily remove excess cement

For high-translucency zirconia and other light-transmittable restorations (material thickness  $\leq 2.5\text{mm}$ ), light cure all surfaces including margins for 20 seconds to accelerate final set.

### Chemical cure

72°F (22°C) temperature

Working time: 1.5 - 2.5 minutes.

Higher temperatures accelerate set.

98.6°F (37°C) temperature

Gel phase: approximately 1-1.5 minutes

Final set: 3.0 - 4.0 minutes.

Higher temperatures accelerate set.

### Physical Properties

Compressive strength: 150 MPA

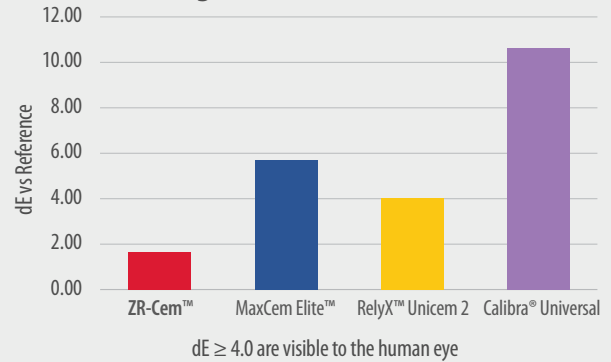
Flexural strength: 100 MPA

Film thickness: 10  $\mu\text{m}$

Radiopacity: 250% Al

Shelf life: 2 years

### ZR-Cem: superior color stability vs. leading self-adhesive cements<sup>†\*</sup>



### Standard Pack

1 - 8g syringe, 10 mix-tips and 10 intraoral tips

3001560 Shade Opaque White

3001561 Shade A2

3001562 Shade Translucent



### Refill Tips

3001418 35 mix-tips & 35 intra-oral tips

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† Latta, M. Creighton University School of Dentistry Study 2019. / \* Per ISO 7491:2000 and ISO 4049:2019  
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