

## RelyX™ Unicem Self-Adhesive Resin Cement

### Delivers Proven Clinical Performance



Coming in 2007—  
RelyX™ Unicem Cement  
in the Clicker™ Dispenser

# RelyX™

#### RelyX™ Unicem Cement

- Easy to use for virtually all indications<sup>1</sup>
- Eliminates the need for etching, priming and bonding steps
- Proven to reduce post-operative sensitivity compared to traditional resin cements
- Clinically proven with years of data, independent university studies and opinion leader testing available
- Strong, adhesive, esthetic and moisture tolerant

## Clinically Proven Results

Backed by more than 60 clinical studies, independent university studies and third party endorsements.

"Clinical Longevity of CAD/CAM Generated Y-TZP Posterior Fixed Partial Dentures", (AADR 2006 #0270). J.A. Sorenson, R. Lusch and K. Yokoyama, Pacific Dental Institute, Portland, OR, USA.

"Clinical Outcomes and Post-operative Sensitivity of Bonded Ceramic Posterior Restorations" (IADR 2005 #0566). S. Timmons, C. Stanford, D. Cobb, G. Denehy, M. Vargas, J. Wefel, D. Dawson and T. Flynn. University of Iowa, Iowa City, USA.

"In Vitro Bond Strength of Adhesive Cements to Tooth Structure", *The Dental Advisor* (June 2005). LM Pinzon, DDS, MS, JM Powers, PhD, University of Texas Dental Branch at Houston, Houston Biomaterials Research Center.

## Simplified Procedure

	RelyX™ Unicem Cement	Multilink® Automix <sup>2</sup>
1	Tooth surface prepared and scanned.	Tooth surface prepared and scanned.
2	Thoroughly clean tooth surface to ensure removal of scanning powdering and liquid.	Thoroughly clean tooth surface to ensure removal of scanning powdering and liquid.
3	Try in restoration and pre-treat as necessary. After try-in, clean the restorations, hydrofluoric acid etch restoration, rinse and dry, then apply ceramic primer.	Try in restoration and pre-treat as necessary. After try-in, clean the restorations, hydrofluoric acid etch restoration, rinse and dry, then apply ceramic primer.
4	Mix cement and apply to restoration.	Mix Multilink Primers A and B.
5	Remove excess and cure.	Apply primer mix onto enamel and/or dentin for 15 seconds.
6		Wait 30 seconds for enamel OR 15 seconds for dentin and then air dry.
7		Mix cement and apply to restoration.
8		Remove excess and cure.

**NOTE:** Multilink Automix should be used quickly after it has been dispensed from the Automix syringe and the restoration inserted. As soon as Multilink Automix contacts with the mixed Multilink Primer A/B, the self-curing reaction is accelerated so that the curing time is shortened. The application of Multilink directly on the die or in the cavity, which has been pre-treated with Multilink Primer, is not indicated as this would lead to a considerable acceleration of the curing process and thus may cause improper fit.<sup>3</sup>

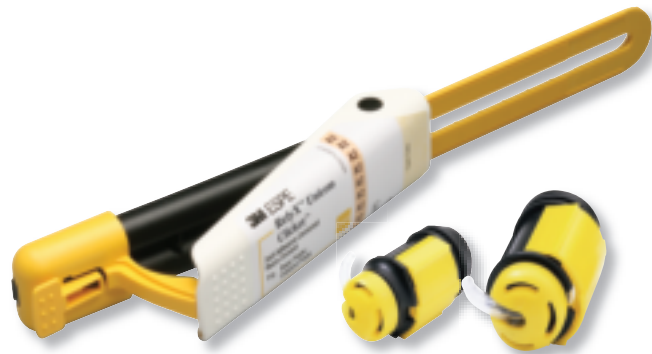


<sup>1</sup> For veneers, use RelyX™ Veneer Cement from 3M ESPE  
<sup>2</sup> Excerpt from Multilink Automix brochure  
<sup>3</sup> Excerpt from Multilink Automix instructions for use

# Universal Use for Nearly All Your Cementation Needs—

Whether Fabricated by You or by Your Lab.

2006 clinical results prove RelyX Unicem cement is the only cement you need for all your indirect restorations.

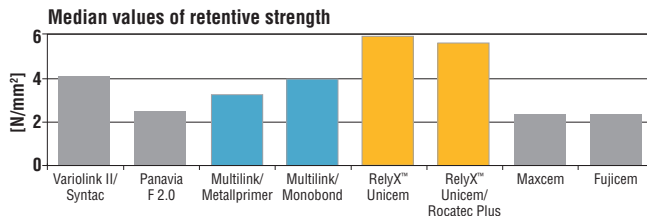


## “In Vitro Retentive Strength of Zircon-Oxide All Ceramic Crowns” (AADR 2006 #1875)

C.-P. ERNST, E. AKSOY,  
E. STENDER, and  
B. WILLERSHAUSEN,  
Johannes Gutenberg  
University Mainz, Germany.

**Objective:** This study investigated the ability of selected resin cements and a resin-modified glass ionomer cement to retain a zirconium-oxide ceramic crown (Lava™) under simulated clinical conditions.

**Results:** RelyX Unicem cement showed the highest strength in this clinically very relevant study design.

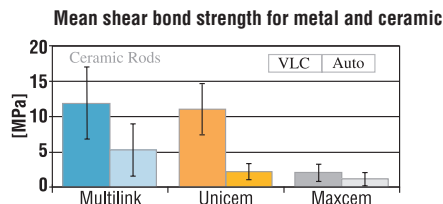


## “Shear Bond Strengths with Self Adhesive Cements” (AADR 2006 #0297)

M.R. KELSEY, M.A. LATTA,  
and W.P. KELSEY,  
Creighton University,  
Omaha, NE, USA.

**Objective:** This study investigates the bonding ability of RelyX Unicem cement, another self-adhesive and one conventional resin cement with metal and ceramic materials to human dentin. Both polymerization modes (auto- and light-cure) were compared.

**Results:** For ceramic materials, RelyX Unicem cement and the conventional resin cement performed statistically similar, showing significantly higher bond strength than Maxcem. For metal materials, RelyX Unicem cement also performed significantly better than Maxcem. Light-curing can increase the bond strength when using ceramic materials.



## More Shades. More Esthetic Choices.

RelyX Unicem cement offers five shades:



Multilink offers three shades:



For more information about RelyX Unicem self-adhesive universal resin cement, including clinical results and answers to frequently asked questions, visit: [www.3MESPE.com/relyxunicemstudies](http://www.3MESPE.com/relyxunicemstudies).

For more information visit our web site, or call our technical hotline:

**Customer Care Center: 1-800-634-2249 [www.3MESPE.com](http://www.3MESPE.com)**

**3M ESPE**

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