

# Resin Cements by 3M ESPE

## RelyX™ Ultimate Adhesive Resin Cement



### Benefits:

- Industry-leading bond strength
- Fast and easy—only two components (automix syringe and bottle)
- Versatile—for total-etch, selective-etch or self-etch procedures
- Fluorescent shades deliver world-class esthetics
- Ideal for CAD/CAM and glass ceramic restorations

## RelyX™ Unicem 2 Self-Adhesive Resin Cement



### Benefits:

- High-performing self-adhesive resin cement
- Simple and time-saving one-step solution
- Comfortable and easy delivery

## RelyX™ Veneer Veneer Cement



### Benefits:

- Ideal viscosity for easy positioning of multiple veneers
- Light cure only
- Excellent color stability
- Matching try-in pastes

### Recommended indications

**RelyX™ Ultimate**  
Adhesive Resin Cement

**RelyX™ Unicem 2**  
Self-Adhesive Resin Cement

**RelyX™ Veneer**  
Veneer Cement

#### Glass Ceramics (including IPS e.max® CAD (chairside) and pressed)

	RelyX™ Ultimate	RelyX™ Unicem 2	RelyX™ Veneer
Inlays/Onlays	•	•	
Partial Crowns/Table tops	•	•	
Crowns/Bridges	•	•	
Veneers	•		•

#### Oxide Ceramics (e.g., Lava™ Zirconia and Bruxzir™)

	RelyX™ Ultimate	RelyX™ Unicem 2	RelyX™ Veneer
Crowns/Bridges	•	•	
Endodontic Posts	•	•	
Maryland Bridges	•	•	

#### Resin Nano Ceramics (e.g., Lava™ Ultimate CAD/CAM Restorative)

	RelyX™ Ultimate	RelyX™ Unicem 2	RelyX™ Veneer
Inlays/Onlays	•	•	
Crowns	•	•	
Veneers	•		•

#### Resin Composites

	RelyX™ Ultimate	RelyX™ Unicem 2	RelyX™ Veneer
Inlays/Onlays	•	•	
Crowns	•	•	
Endo Posts (e.g., RelyX™ Fiber Post)	•	•	
Veneers	•		•

#### Metal/Metal based

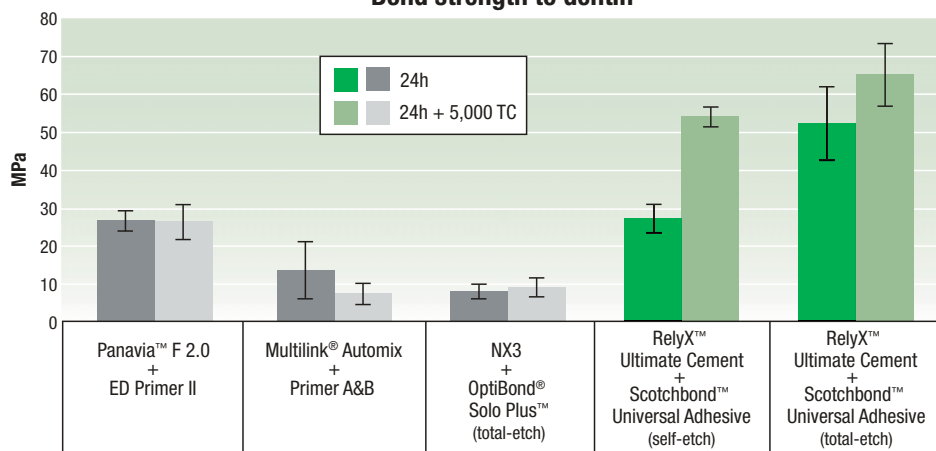
	RelyX™ Ultimate	RelyX™ Unicem 2	RelyX™ Veneer
Inlays/Onlays	•	•	
Crowns/Bridges	•	•	
Endodontic Posts	•	•	
Maryland Bridges	•	•	

## Another breakthrough from RelyX™ cements, the name dentists trust.

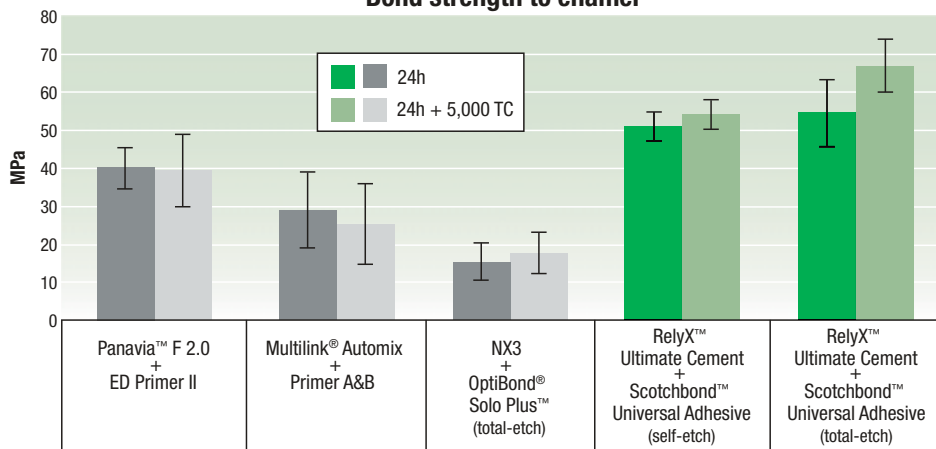
The toughest challenges have been met by RelyX™ Ultimate Adhesive Resin Cement and Scotchbond™ Universal Adhesive. Together they deliver ultimate bond strength, coupled with ease of use.



### Bond strength to dentin

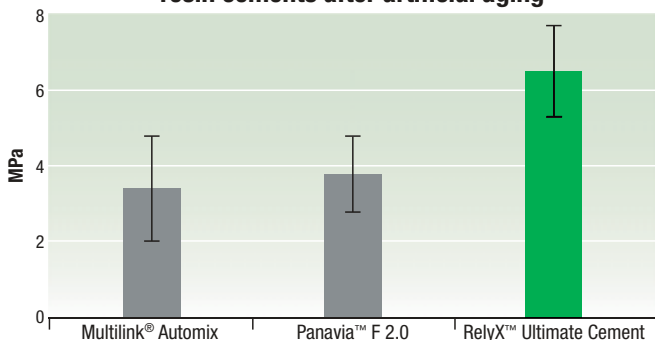


### Bond strength to enamel



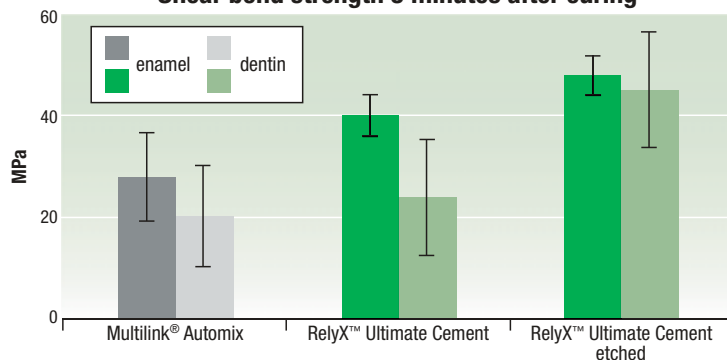
Test: Shear Bond Strength testing. RelyX™ Ultimate Adhesive Resin Cement was used with Scotchbond™ Universal Adhesive (no separate light cure), the other materials with their respective adhesive systems on bovine enamel according to manufacturers' instructions. All cements were light cured. Artificial aging: 5,000 thermocycles (5-55°C). Source: Wiedig, et al. IADR CED 2011, #430.

### Zirconia crown pull-off strength of resin cements after artificial aging



Test: Shear Bond Strength testing. RelyX™ Ultimate Adhesive Resin Cement was used with Scotchbond™ Universal Adhesive (no separate light cure), the other materials with their respective primers. Zirconia was sandblasted (< 50µm) before priming. All cements were light cured. Artificial aging: 100,000 load cycles (20N), 10,000 thermocycles (5-55°C). Source: J. Burgess and D. Cakir, University of Alabama, Birmingham, AL, U.S.A. Submitted for AADR 2012.

### Shear bond strength 5 minutes after curing



Test: Shear Bond Strength testing. RelyX™ Ultimate Adhesive Resin Cement was used with Scotchbond™ Universal Adhesive (no separate light cure), Multilink Automix with primer A&B according to manufacturers' instructions. All cements were light cured. Source: 3M ESPE internal data

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

**3M ESPE**

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