RelyX™ Ultimate Clicker™
Adhesive Resin Cement

Cementation Solutions

Glass ceramic cementation has a new hero

Recommendation by
Clinical & Indication

RelyX™ Ultimate Clicker™
Adhesive Resin Cement

RelyX™ U200
Self-Adhesive Resin Cement

Ketac™ Cem Plus
Resin Modified Glass Ionomer Cement

RelyX™ Veneer
Veneer Cement

Metal / Metal based
Inlays / Onlays
Crowns / Bridges
Endodontic Posts
Maryland Bridges
Glass Ceramics (incl. Li. Disilicate)
Inlays / Onlays
Partial Crowns / Table tops
Crowns / Bridges
Veneers
Oxide Ceramics (e.g. Lava ™ Zirconia)
Crowns / Bridges
Endodontic Posts
Maryland Bridges
Resin Nano Ceramics (e.g. Lava ™ Ultimate CAD/CAM Restorative)
Inlays / Onlays
Crowns
Veneers
Resin Composites
Inlays / Onlays
Crowns
Endo Posts (e.g. RelyX™ Fiber Post)
Veneers

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Highly recommended

+ Recommended

– Not indicated

Item No. Product Information

Trial Kit
56924 RelyX ™ Ultimate Clicker ™ Trial Kit (A1): 1 bottle Single Bond Universal Adhesive à 1.5 ml, 1 etchant syringe à 3 ml, 25 dispensing tips for etchant syringe, 50 microbrushes, 1 RelyX™ Ultimate Clicker™ (A1) à 4.5 g, 1 mixing pad

Refills
56920 Shade Translucent: 1 RelyX™ Ultimate Clicker™ à 4.5 g

56923 Shade A1: 1 RelyX™ Ultimate Clicker™ à 4.5 g

56921 Shade A3 Opaque: 1 RelyX™ Ultimate Clicker™ à 4.5 g

56922 Shade B0.5 Bleach: 1 RelyX™ Ultimate Clicker™ à 4.5 g

RelyX™ Try-in Paste Refills
7614TRT Shade Translucent: 1 try-in paste refill à 2 g

7614B0.5RT Shade B0.5 Bleach: 1 try-in paste refill à 2 g

7614A1TRT Shade A1: 1 try-in paste refill à 2 g

7614A3TRT Shade A3 Opaque: 1 try-in paste refill à 2 g

Ordering Information

www.3MESPE.com/ae

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Ultimate strength for highest aesthetics

RelyX™ Ultimate Cement in the Clicker™ Dispenser is an innovative dual-cure, adhesive resin cement from 3M™ ESPE. This cement was developed with the specific needs of highly aesthetic-like glass ceramic cementation in mind. RelyX™ Ultimate cement ensures uncompromising results by offering ultimate bond strength in a simplified procedure.

“The best cement system
That I have worked with so far!”
Dr. Subramanian, India

RelyX Ultimate cement is particularly suited for CAD/CAM restorations.

RelyX™ Ultimate cement covers the whole spectrum of indirect indications with the final cementation of:

- All-ceramic, composite or metal inlays, onlays, crowns and bridges: 2 – 3 mm thickness and 20 – 25° drop-in angle
- Full veneers
- Crown margins
- Tooth-like fluorescence.

RelyX Ultimate shows the lowest discolouration after incubation in coffee solution. Due to the hybridization of amine components to ensure colour stability. Compared to other leading products, RelyX Ultimate cement uses a modern initiator technology, which is free of aromatic amine components to ensure colour stability. Compared to other leading products.

Benefits of RelyX™ Ultimate Cement in the Clicker™ Dispenser:

- Dual-cure cement with ultimate bond strength
- Ease of use: only two components, leave number of procedural steps
- Outstanding aesthetics: high marginal integrity, wear resistance and natural fluorescence
- Less waste and controlled dosage of material due to Clicker™ delivery

Benefits of Single Bond Universal Adhesive:

- Combined triad-stick and self-cure bonding capability
- Integrated primer for glass ceramic, core ceramic and metal
- Consistent bond strength in both moist and dry-dentin dentine
- Virtually no post-operative sensitivity in total-etch and self-cure modes

RelyX™ Ultimate cement was used with Single Bond Universal Adhesive (no extra light curing), the pull-off strength after artificial aging was measured. RelyX™ Ultimate cement shows the lowest three-body wear against the benchmark Filtek™ Z250 from 3M ESPE. (Source: C. Kleverlaan, ACTA University, Netherlands).

When compared to other resin cements and flowable filling composites, RelyX Ultimate cement shows the lowest three-body wear against the benchmark Filtek™ Z250 from 3M ESPE. (Source: B. Ormco, Ormco Corporation, USA, AADR 2012, #1010

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Shear bond strength of resin cements to enamel

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<th>cement</th>
<th>mean MPa</th>
<th>SD</th>
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<tbody>
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<td>Single Bond Universal Adhesive</td>
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RelyX™ Ultimate cement was designed for optimal performance when combined with Single Bond Universal Adhesive (3M ESPE) which hardens not only as a self-cure or total-cure adhesive, but also as a primer for most restoration surfaces. The RelyX™ Ultimate formulation itself contains a base-cure active for Single Bond Universal adhesive which eliminates the need for a separate activator and saves you unnecessary steps. Fewer components, fewer working steps: means not only easier handling but also less risk of errors. Last but not least, it reduces your inventory.

Benefits of RelyX™ Ultimate Cement in the Clicker™ Dispenser:

- Dual-cure cement with ultimate bond strength
- Ease of use: only two components, leave number of procedural steps
- Outstanding aesthetics: high marginal integrity, wear resistance and natural fluorescence
- Less waste and controlled dosage of material due to Clicker™ delivery

Benefits of Single Bond Universal Adhesive:

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“Very simple to use!”
Dr. Girish, India

RelyX™ Ultimate cement is the real hero in terms of bond strength.

The ultimate bond strength and ease-of-use make RelyX Ultimate cement ideal for the cementation of highly aesthetic-like glass ceramic restorations. Internal and external test data show excellent adhesion to both dentine and enamel.

High marginal integrity and wear resistance.

An aesthetic restoration requires high marginal integrity. Besides high bond strength, striving esthetical and sealing properties are needed. RelyX™ Ultimate Adhesive Resin Cement is optimized for a high wear resistance. This ensures a good marginal seal over the life time of the restoration. After chewing simulation and thermocycling the marginal integrity of Empress 2 MOD inlay restorations was investigated by dye penetration and topographical SEM analysis. The control group Multilink Automix showed statistically higher dye penetration than RelyX™ Ultimate cement independently of the luting protocol (Behr et al. University of Regensburg, Germany). When compared to other resin cements and flowable filling composites, RelyX™ Ultimate cement shows the lowest three-body wear against the benchmark Filtek™ Z250 from 3M ESPE. (Source: C. Kleverlaan, ACTA University, Netherlands).

RelyX™ Ultimate Cement meets all the requirements when placing aesthetic restorations.

RelyX™ Ultimate cement uses a modern initiator technology, which is free of aromatic amine components to ensure colour stability. Compared to other leading products, RelyX™ Ultimate shows the lowest discolouration after incubation in coffee solution. For brilliant natural colour impressions, a dysa has been added to the cement to create tooth-like fluorescence.

High marginal integrity: Reliably well sealed margins

High wear resistance: Lower wear than competitive products

High colour stability: Natural aesthetics

High colour stability and fluorescence for natural aesthetics

Dye penetration analysis of resin cements, control vs. high light cure.

Source: Courtesy of Dr. Paolo Monteiro

Fluorescence of RelyX™ Ultimate Clicker™ Cement.