

Cementation Solutions

RelyX™ Unicem Family

Self-Adhesive Resin Cement



Amazingly handy –
Joyfully simple

3M ESPE



Enjoy
a stunning
ease of use

Next generation no. 1

RelyX™ Unicem 2 Self-adhesive Resin Cement

Dentists have put their trust in RelyX™ Unicem Self-Adhesive Resin Cement for many years. Being the world's most clinically proven self-adhesive cement, its long-lasting success is furthermore based on multiple studies and an innovative spirit. With RelyX Unicem 2 Automix it's now also available in the automix syringe.

The strong basis: A long-term clinical history and top ratings

RelyX Unicem cement builds on a multitude of awards – including the latest awards from The Dental Advisor: “2011 Top Long-Term Performer” for RelyX Unicem and “2011 Top Self-Adhesive Cement” for RelyX Unicem 2 Automix as well as the “2010 Townie Choice Award for Cements (bonded porcelain)” for RelyX Unicem.

It has emerged as the worldwide “gold standard” for self-adhesive cementation. With RelyX Unicem 2 cement, the unique success story continues.

Built on a family of award winning products.



www.dentaladvisor.com



www.dentaltown.com

Dentists are enthusiastic about RelyX™ Unicem 2 Automix Cement:

“Great mixing system, optimal filling of the root canal.” Dentist from Germany

“A cement with a great future ahead. One concern less thanks to an intelligent idea!” Dr. Peggy Wolter, Germany

“Super! Best cement of all times.” Dr. Arnd Ungermann, Germany

96.9% of the users stated they were generally “satisfied” or “very satisfied” with RelyX Unicem 2 Automix.

94.2% of the users would recommend RelyX Unicem 2 Automix to colleagues.

(Source: EU field test with 133 dentists)

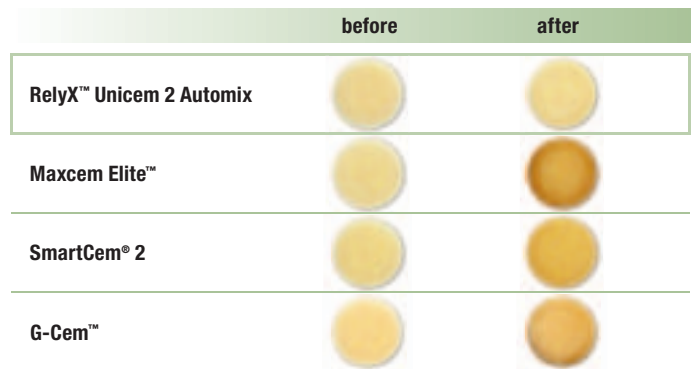
Simplicity & top performance

RelyX™ Unicem 2 Automix cement is strong where it counts and combines the key factors for clinical success: high adhesion, resistance to discolouration, long-term stability and almost no post-operative sensitivities.

Its exceptionally simple handling, dispensing, treatment and overall working conditions make RelyX Unicem 2 Automix a favourite with dentists who know they can enjoy this ease of use while still counting on uncompromising quality.

High colour stability for natural aesthetics.

Patients will enjoy the high colour stability of RelyX Unicem 2 Automix cement. Compared to other leading products, it clearly shows the least amount of discolouration after 3 days in a coffee solution.

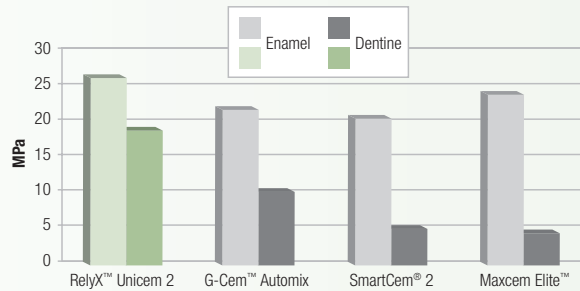


Test specimen after 3 days immersed in coffee at 36° C.

Source: 3M ESPE internal data (tested colour shades: A2 or yellow)

Excellent bond strength.

You can rely on the performance of RelyX Unicem 2 Automix cement more than ever: Compared to other leading cements, RelyX Unicem 2 shows the best adhesion – on both dentine and enamel. Patients will benefit from a long-lasting and secure restoration.



Shear bond strength after 24h, materials light-cured.

Source: 3M ESPE internal data

Easy-to-use automix syringe:

- Comfortable handling
- Optimal consistency for dispensing and seating
- Flexible dosing
- Time-saving
- A great choice of tips allows always easy application of paste directly into the cavity or root canal
- Low risk of air bubbles and voids

Indications:

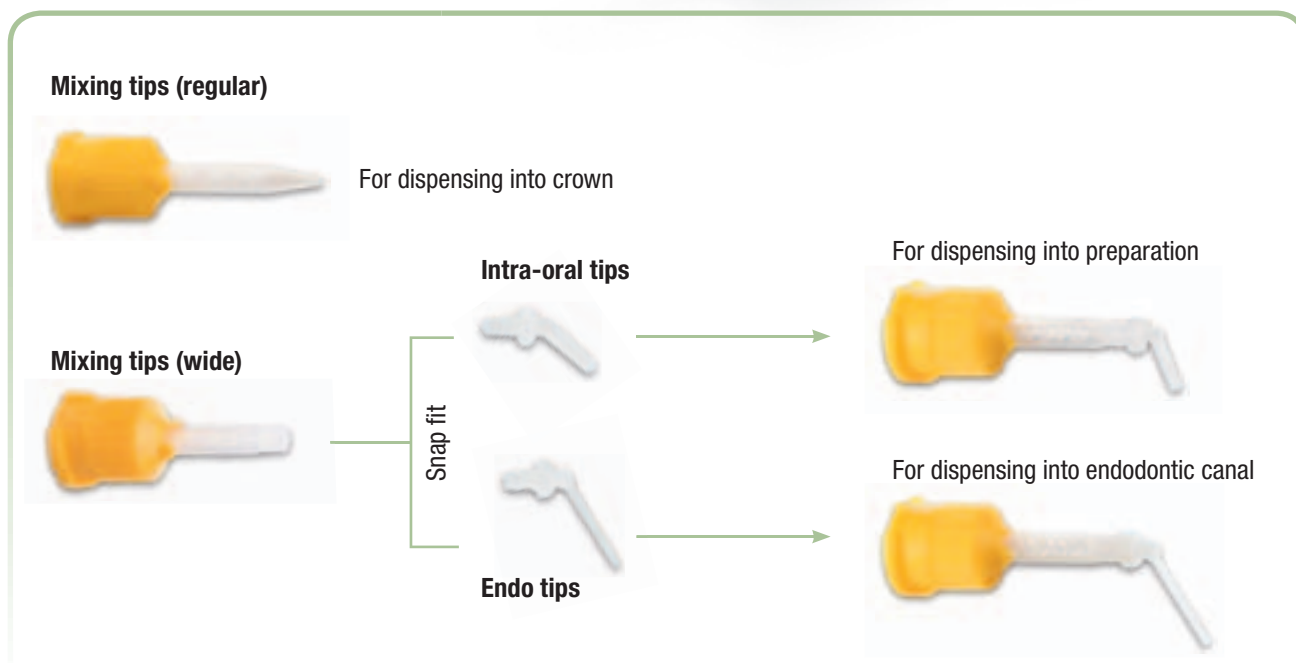
RelyX Unicem 2 Automix cement is indicated for the permanent cementation of

- All-ceramic, composite, or metal inlays, onlays, crowns and bridges
- Posts and screws
- 2- or 3-unit Maryland bridges
- 3-unit inlay/onlay bridges
- All-ceramic, composite, or metal restorations to implant abutments





RelyX™ Unicem 2 Automix Tip Options.



Proven long-term stability – due to unique material characteristics.

Additional features at a glance:

- Moisture-tolerant
- Dual-cure
- Very easy removal of excess
- Low post-operative sensitivity
- Excellent mechanical properties

Long-term stability

RelyX™ Unicem 2 Automix Cement is acidic and hydrophilic upon application and becomes neutral and hydrophobic after setting. Therefore, it is better able to resist water uptake and remains more stable over time. The results of thermocycling stress tests on self-adhesive resin cements show that RelyX Unicem 2 Automix remains intact, while others show obvious cracking.



Results of stress test on self-adhesive resin cements.
All samples were self-cured and thermocycled 10,000 times.

Source: 3M ESPE internal data

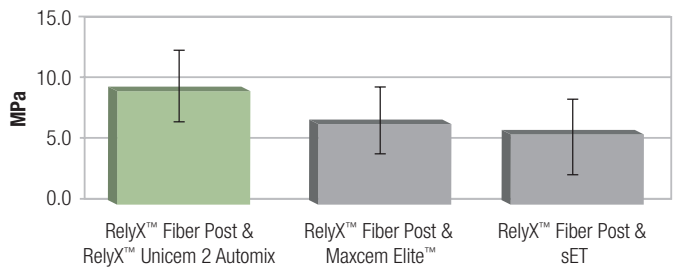
A brilliant combination

RelyX™ Unicem 2 Automix Cement and RelyX™ Fiber Post.

The combination of RelyX™ Unicem 2 Automix cement and RelyX™ Fiber Post provides many advantages. The convenient automix syringe and perfectly matched endo tips facilitate access to the root canal, so you can apply cement in the canal from bottom to top. RelyX Fiber Posts do not require any pre-treatment when used with RelyX Unicem 2 Automix cement, so you save time.

Best retention for RelyX™ Fiber Post in the root canal

Based on a study of the university of Siena, Italy, RelyX Unicem 2 Automix cement shows impressive retention and sealing in the root canal in combination with RelyX™ Fiber Post.



Source: A. Cantoro, C. Goracci, A. Mazzoni, L. Breschi, and M. Ferrari, 140453; IADR 2010

RelyX™ Fiber Posts provide:

- Excellent **light translucency** and **improved radiopacity**.
- **Dentine-like elasticity** for a lower risk of root fracture (compared to metal / ceramic posts).
- **Outstanding mechanical strength** (compared to other leading fiber posts).

Perfect synergy

Translucency and radiopacity.



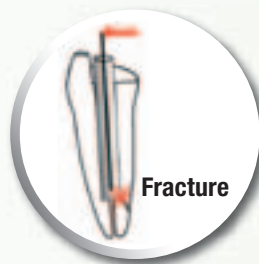
Light translucency of RelyX™ Fiber Post.
Source: 3M ESPE internal data



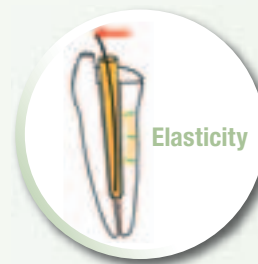
The improved radiopacity of RelyX™ Fiber Post (size 2) makes future diagnosis easier.

Source: THE DENTAL ADVISOR, Research Report 20, 2009

Dentine-like elasticity.



Metal post



RelyX™ Fiber Post (Fiber reinforced post)



It's your choice.

No matter which dispensing method you prefer, RelyX™ Unicem Self-adhesive Resin Cements stand for first-rate adhesion, high physical strength, low linear expansion and excellent marginal integrity. In addition to the automix syringe the following delivery are available:

Aplicap™ Capsule

- Ideally suited for inlays, onlays, crowns and posts
- Hygienic unidose
- Consistent mix with triturator
- RelyX™ Unicem Aplicap™ Elongation Tip for virtually void-free cementation of posts
- Working time: 2:00 min.



Maxicap™ Capsule

- Ideally suited for multiple-unit bridges
- Hygienic unidose
- Consistent mix with triturator
- Working time: 2:30 min.



Clicker™ Dispenser

- Suited for all sizes of restorations
- Choose amount dispensed – 11 g dispensed in 80 clicks (approx. 40 applications)
- Time-saving, easy and hygienic handling
- Delivers pre-measured doses for consistent and economical mixing
- No need for mixer, activator, applicers, mixing tips or other devices
- Improved mixing through new technology



NEW!
EASIER
HANDMIX

Ordering Information

Item No. Product Information

RelyX™ Unicem 2 Automix – Syringe

Starter Kit

56850 RelyX™ Unicem 2 Automix / RelyX™ Fiber Post Starter Kit, shade A2 Universal:
1 syringe à 8.5g, 7 mixing tips (regular), 15 mixing tips (wide), 15 endo tips, 5 intra-oral tips, 5 RelyX™ Fiber Posts size 0 (1.1 mm dia), 5 RelyX™ Fiber Posts size 1 (1.3 mm dia), 5 RelyX™ Fiber Posts size 2 (1.6 mm dia), 5 RelyX™ Fiber Posts size 3 (1.9 mm dia), 5 drills sizes 0, 1, 2, 3, Universal

Refills

56848 Shade Translucent: 1 syringe à 8.5g, 15 mixing tips (regular), 5 mixing tips (wide), 5 endo tips

56846 Shade A2 Universal: 1 syringe à 8.5g, 15 mixing tips (regular), 5 mixing tips (wide), 5 endo tips

56847 Shade A3 Opaque: 1 syringe à 8.5g, 15 mixing tips (regular), 5 mixing tips (wide), 5 endo tips

Value Packs

56858 Shade Translucent: 3 syringes à 8.5g, 30 mixing tips (regular), 20 mixing tips (wide), 15 endo tips, 5 intra-oral tips

56849 Shade A2 Universal: 3 syringes à 8.5g, 30 mixing tips (regular), 20 mixing tips (wide), 15 endo tips, 5 intra-oral tips

56857 Shade A3 Opaque: 3 syringes à 8.5g, 30 mixing tips (regular), 20 mixing tips (wide), 15 endo tips, 5 intra-oral tips

Refills Mixing Tips

56851 30 Mixing tips (regular)

56856 20 Mixing tips (wide)

56855 15 Endo tips – to be used in combination with Mixing tips (wide)

56852 15 Intra-oral tips – to be used in combination with Mixing tips (wide)

RelyX™ Unicem 2 Clicker™ Refills

56874 Shade Translucent: 1 Clicker™ Dispenser à 11 g, 1 mixing pad

56875 Shade A2 Universal: 1 Clicker™ Dispenser à 11 g, 1 mixing pad

56876 Shade A3 Opaque: 1 Clicker™ Dispenser à 11 g, 1 mixing pad

RelyX™ Fiber Post

56860 Intro Kit: Box with 5 posts of each size: 1 (1.3 mm dia), 2 (1.6 mm dia), 3 (1.9 mm dia); 4 drills sizes 1, 2, 3, 1 universal drill, 20 Elongation Tips

Refills

56872 10 RelyX™ Fiber Posts size 0 (1.1 mm dia)

56861 10 RelyX™ Fiber Posts size 1 (1.3 mm dia)

56862 10 RelyX™ Fiber Posts size 2 (1.6 mm dia)

56863 10 RelyX™ Fiber Posts size 3 (1.9 mm dia)

56873 1 drill size 0 (1.1 mm dia)

56864 1 drill size 1 (1.3 mm dia)

56865 1 drill size 2 (1.6 mm dia)

56866 1 drill size 3 (1.9 mm dia)

56867 1 universal drill

Item No. Product Information

RelyX™ Unicem – Aplicap™ Capsule

56828 Trial Pack 20 Aplicap™ Capsules assorted in the shades A2 Universal (10), Translucent (6), A3 Opaque (4)

56829 Trial Kit 20 Aplicap™ Capsules assorted in the shades A2 Universal (10), Translucent (6), A3 Opaque (4), Aplicap™ Activator, Aplicap™ Applier

56814 Intro Kit 50 Aplicap™ Capsules assorted in the shades A2 Universal (24), Translucent (16), A3 Opaque (10), Aplicap™ Activator, Aplicap™ Applier

Refills

56815 50 Aplicap™ Capsules assorted in the shades A2 Universal (24), Translucent (16), A3 Opaque (10), 10 elongation tips

56816 50 Aplicap™ Capsules, shade Translucent, 10 elongation tips

56817 50 Aplicap™ Capsules, shade A3 Opaque, 10 elongation tips

56818 50 Aplicap™ Capsules, shade A2 Universal, 10 elongation tips

56819 20 Aplicap™ Capsules, shade A1

56820 20 Aplicap™ Capsules, shade White Opaque

RelyX™ Unicem – Maxicap™ Capsule

56830 Intro Kit 20 Maxicap™ Capsules assorted in the shades A2 Universal (10), Translucent (6), A3 Opaque (4), Maxicap™ Activator, Maxicap™ Applier

Refills

56831 20 Maxicap™ Capsules assorted in the shades A2 Universal (10), Translucent (6), A3 Opaque (4)

56832 20 Maxicap™ Capsules, shade Translucent

56833 20 Maxicap™ Capsules, shade A3 Opaque

56834 20 Maxicap™ Capsules, shade A2 Universal



RelyX™ Unicem 2 Clicker™ Refill – A2 (56875)

RelyX™ Unicem 2 Automix Cement Refill – A2 (56846)

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