

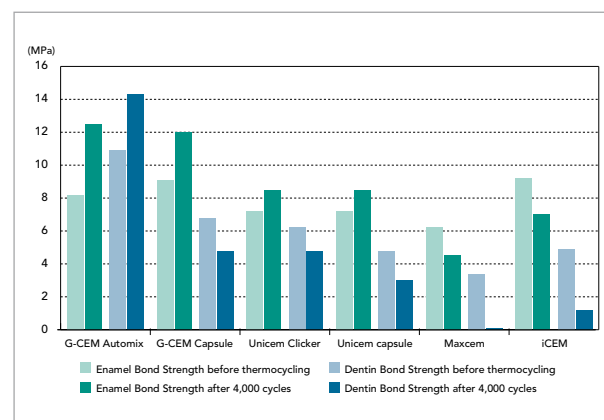
The flexibility you want, the **sturdiness** you need. With a clever two-way bond.

Regardless of the technique you use, with G-CEM Automix, you'll never have to sacrifice performance for adhesion strength to dentin, enamel or zirconium-based restorations.

This clever 'two-way bond' is certainly innovative – but just how clever is it?

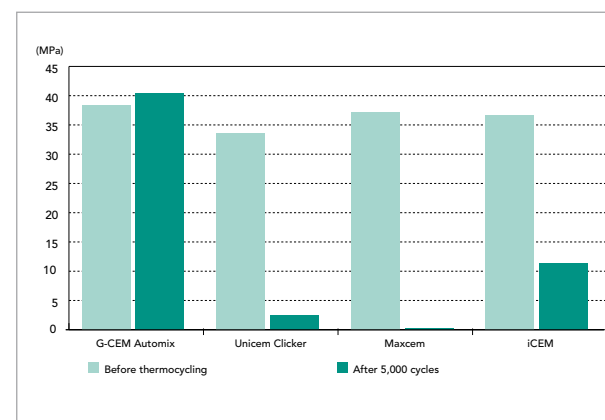
Chemical adhesion to tooth structure, firm mechanical interlock to the restoration plus an extremely high flexural strength – each helps distinguish G-CEM Automix from other self-adhesive resin cements. G-CEM Automix is the only self-adhesive resin cement that actually improves bond strengths to the tooth structure and zirconium-based restorations after thermocycling.

Tensile bond strength to enamel & dentin



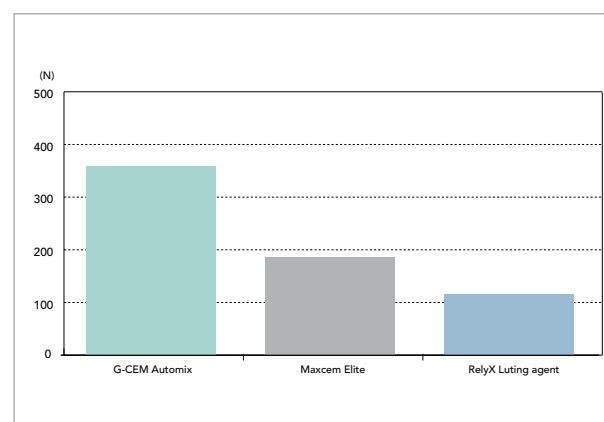
Source: GC R&D internal data

Tensile bond strength to zirconium



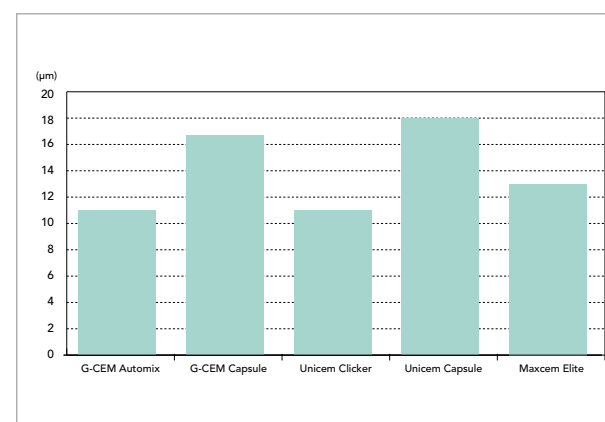
Source: GC R&D internal data

Crown retention



Test performed by J. Burgess and Deniz Cakir, University of Alabama at Birmingham USA

Film thickness



Source: GC R&D internal data

Thanks to this strong, resilient bond, G-CEM Automix seals and protects the tooth with the lowest film thickness of single-step self-adhesive resin cements.



G-CEM Automix	
002898	G-CEM Automix, A2, 2 syringes 4,8g (2,7 ml), 20 Automix Tips Regular
002899	G-CEM Automix, Translucent, 2 syringes 4,8g (2,7 ml), 20 Automix Tips Regular
002900	G-CEM Automix, AO3, 2 syringes 4,8g (2,7 ml), 20 Automix Tips Regular
002901	G-CEM Automix, BO1, 2 syringes 4,8g (2,7 ml), 20 Automix Tips Regular
G-CEM Automix Accessories	
002902	G-CEM Automix, Tip Regular, 20 pieces
002903	G-CEM Automix, Tip for Endo, 10 Endo Automix Tips, 10 Extension Tips
G-CEM Capsules	
002584	G-CEM, A2, Box of 50 Capsules, Mixed Volume per Capsule 0.17 ml
002585	G-CEM, AO3, Box of 50 Capsules, Mixed Volume per Capsule 0.17 ml
002586	G-CEM, Translucent, Box of 50 Capsules, Mixed Volume per Capsule 0.17 ml
002587	G-CEM, BO1, Box of 50 Capsules, Mixed Volume per Capsule 0.17 ml
002588	G-CEM, Assorted, Box of 50 Capsules, Mixed Volume per Capsule 0.17 ml

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Resin luting
re-defined: new
G-CEM Automix
from **GC**.

Finally you can achieve a twofold long-lasting high-strength bond in one step to tooth structure and to aesthetic restorations, especially zirconium.



The clever one step solution for luting with automix simplicity.

The first self-adhesive resin luting cement to bond equally well to the tooth structure and restorations, especially zirconium.

Zirconium is a popular choice in manufacturing aesthetic restorations, crowns and bridges in particular. And G-CEM Automix from GC is poised to become an equally popular choice among dentists. The reason: G-CEM Automix is the first clever self-adhesive resin luting cement to offer 'automix' simplicity without compromising bond strength to dentin, enamel OR zirconium. What's more, the bond strength stays stable and on some materials even increases over time.

Use G-CEM Automix and enjoy:

- one step mixing – the work is done for you
- one step application – direct delivery, even in the root canal
- one step cleanup – precise removal of all excess

With an ideal setting time and the reliable results you've come to expect from GC.



Added benefits of G-CEM Automix.

Stable down to the last drop

G-CEM Automix is highly reliable – and has the stability to match. Since G-CEM has no special storage requirements, you can expect top quality – from the first drop to the last. Tests have even shown that at 60 °C, G-CEM Automix does not turn to gel or discolour, so you'll enjoy an even consistency every time.

Your choice of restorative

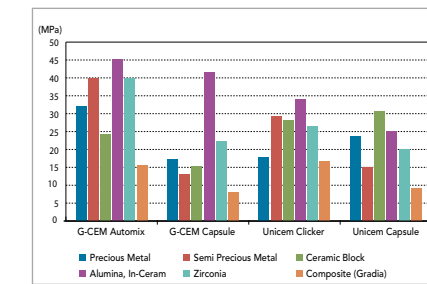
Although G-CEM Automix bonds to the tooth structure and zirconium equally well, it also demonstrates excellent bonding property to other restorative materials. You're free to select the right restorative for your patients every time. G-CEM Automix features the lowest linear expansion of self-adhesive resin cements. No matter which ceramic restorations you're performing, you can rely on G-CEM Automix.

Incredibly accurate and durable

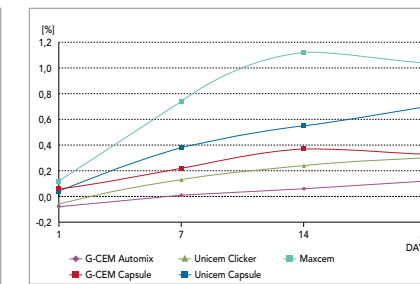
Thanks to a unique formula, G-CEM is more hydrophilic at application – which translates into uncompromised adhesion to moist tooth structures. G-CEM is HEMA-free, ensuring an optimal and stable interface over time. And with G-CEM's low water uptake and reduced potential of stain uptake, you'll be delighted with an excellent degree of colour stability – and your patients will be delighted with how natural their restorations look.

Even more reasons to choose G-CEM:

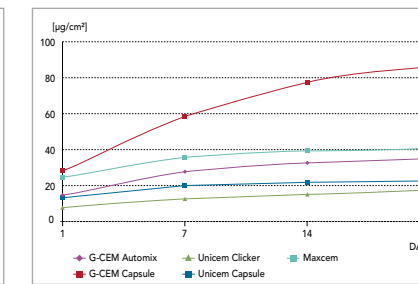
- No post operative sensitivity
- Fluoride release
- Radiopacity



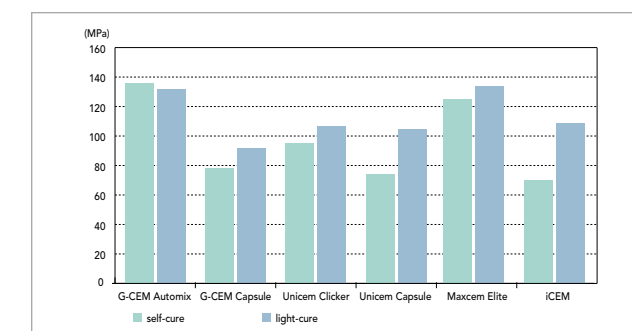
Tensile bond strength to restoratives



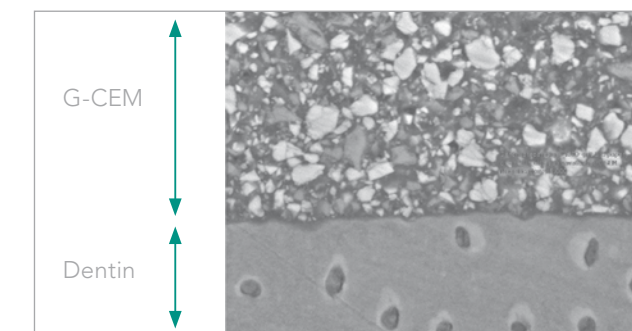
Linear expansion



Fluoride release



Flexural strength



Dentin / cement interface

Source: GC R&D internal data

Cut down on time in the chair – not on performance.

In more ways than one, G-CEM Automix is designed to help you quickly and efficiently handle a variety of restorations with far better results – and leave more patients satisfied.

Applies fast – then lasts and lasts

You can use the double-barrel automix syringe to work even more efficiently with G-CEM Automix – in just three easy steps:

1. Dispense precisely the amount you need into the restoration.
2. Seat the restoration and preferably tack cure for 2-4 seconds.
3. Flick away excess product with a scaler tip and perform final cure or let it self-cure for about 4 minutes.

G-CEM Automix is ideal for applications which require a longer working time, such as multiple unit restorations.



Dr. Adrian Berger, Germany

Looking for an easy solution for the luting of posts? G-CEM Automix comes with a special endodontic tip with an elongated nozzle for delivery into the canal for endodontic post-cementation.



Dr. Matteo Basso, Italy

G-CEM is also available in capsules for main indication, single unit restorations (no more than 2 units).

