

**NEW!****ProGlass Plus Cem - Resin Modified Glass Ionomer Cement**

Dual Cure, paste-paste solution featuring Glass Ionomer benefits with resin cement strength

**Positioning Statement**

ProGlass Plus Cem is a new addition to Silmet's ProGlass Plus cements family.

Now available in a paste-paste solution, ProGlass Plus Cem offers easy handling and cleanup, plus the option for tack light-curing of excess cement. The radiopaque, resin-modified glass ionomer luting cement not only possesses strength and durability, but has the added benefit of self-adhesion, which means that no primer or conditioner is needed.

This new presentation consists of base and catalyst pastes packaged and delivered in an automix double barrel syringe as well as a special dispenser syringe for waste control.

With higher bond strengths than conventional glass ionomer cements, ProGlass Plus Cem employs a simple placement technique and is moisture tolerant during placement for further convenience. The material also exhibits excellent biocompatibility to the tooth structure as well as zirconium oxide.

Its tack light cure option of 1-3 seconds, allows fast and easy clean up of excess material :



Before tack cure

Easy removal  
after 1-3 sec.

ProGlass Plus Cem is the ideal cement in cases where the preparation provides sufficient retention or where isolation is difficult. It chemically bonds to dental tissue with good sealing ability.

## Features & Benefits

Feature	Benefit	Key message
Double dispenser syringe system	Paste / Paste formula accurately dispensed. Reduces chair time and provides a consistent, homogeneous mix	Excellent design, no material wasted
Tack light cure option	Fast and easy clean up, takes seconds	Saves chairtime
Multiple Cementation	Applications: Crowns, Onlays, Inlays, Bridges, Posts	Perfect for any metal, zirconia or e-max crown cementation
Superior compressive strength	Long-lasting restorations	Fracture resistant, developed to handle occlusal loading
Sustained Fluoride release	Helps to reduce secondary caries	Could prevent further enamel demineralization and hinder bacterial growth
Excellent radiopacity	<b>400 %Al</b>	Easily identified on radiographs. Helps to diagnose secondary caries, determine the proximal contour of the restoration as well as its contacts with adjacent teeth
Low film thickness	<10 $\mu$	Ensures stress-free seating of restoration

## Properties

Compressive Strength	270 MPa
Flexural Strength	120 MPa
Compatible with halogen light	Yes
Compatible with Plasma ark light lamp	Yes
Compatible with LED	Yes
Bond Strength	13.5 MPa
Film Thickness	<10 $\mu$
Working Time	3 min $\pm$ 30 secs
Setting Time	less than 5 min
Average inorganic filler (by weight)	65 wt%
Shelf Life	2 Years

### Competitive Information

Company	Brand	Info
3 M	Relyx luting plus clicker	2 * 11 g clickers <b>\$179.99 (8.2/g)</b>
GC	FujiCem 2 Automix	1 * cartridges (7.2 mL; 13.3 g) + 20 mixing tips <b>\$166.5 (12.5/g)</b>  Automix paste pak 2/PK. (2*13.3) <b>\$189.99 (7.14/g)</b>
SDI – Coming Soon	Riva Cem	1 x 8.5g double barrel syringe
Kerr	Nexus™ RMGI	3 * dual syringes (5g) + 24 mixing tips <b>\$145 (9.6/g)</b>
Voco	Meron Plus QM	3* Automix syringe 8.5 g, accessories <b>\$57 / \$165 (6.5/g)</b>

### Selling Tips

- ProGlass Plus Cem features Glass Ionomer benefits with resin cement strength
- Cost effective solution - Special dispenser syringe for waste contro, no material waste as in similar products delivered in a dual syringes with mixing tips
- Dual cure system shortens cleanup to seconds - allows tack light curing to reach gel consistency in 1-3 seconds

### ADDITIONAL FEATURES:

- BPA-free
- Reactive glass-reinforced resin cement
- Secure bonding without primer or conditioner
- Light-cure tacking for easy cleanup
- No refrigeration is required
- Multiple delivery presentations to meet individual clinician preferences (universal shade)

**Related products:** ProGlass Plus powder / liquid kit, ProGlass Plus amalgamator friendly capsule

**Ref:** XXXXXX ProGlass Plus Cem, double dispenser syringe, 1 x 9gr. (box) Universal shade  
 XXXXXX ProGlass Plus, Automix Syringe, 1 x 3gr. Universal shade

מה לגבי נייר ערבוב + ספטולות חד"פ? טיפים?

**Recommended Retail Price:** \$85 Official \$

**FAQ****Is ProGlass Plus Cem only self-cure ?**

No, this a dual-cure material. You can let the material self-cure or tack-cure it prior to removing excess cement. Once the cement has reached its gel consistency, it can no longer be manipulated.

**Is ProGlass Plus Cem indicated for all types of restorations?**

ProGlass Plus is suitable for a wide range of everyday applications, including permanent cementation of ceramic, metal, or composite inlays, onlays, crowns, bridges, posts, and screws. Additionally, it can be used for cementation of all types of core material, including prefabricated pins, posts, and cast posts.

**When can I remove excess cement?**

When the restoration is properly and firmly seated and stabilized, excess cement can be removed in its gel state using a scaler or explorer. Gel state can be achieved by tack-curing excess with a light for approximately 2-3 seconds, or by allowing the cement to self-cure until it feels rubbery.

**How soon can I tack-cure ProGlass Plus Cem?**

You can tack-cure (1-3 seconds) immediately after placement of restoration to hasten gel state or you can also allow material to self-cure (**minimum of 1.5'**) to reach its gel state.

**What are the key advantages ProGlass Plus Cem offers the dentist?**

ProGlass Plus is a resin modified glass ionomer (RMGI) luting cement formulated for excellent handling properties and easy cleanup featuring Glass Ionomer benefits with resin cement strength:

- Optional light tack-curing
  - Sustained fluoride release
  - Dual-adhesive system
  - Exceptional performance and physical properties
- Flexural and compressive strengths are 25% higher than those of leading competitor
- Ultra-low film thickness (<10 $\mu$ )
  - Increased radiopacity (400% Al)

**Do I have to cap syringe after use ?**

Yes. Do not allow the pastes to dry out. Store with cap securely attached to the syringe and avoid exposure of material to ambient light.

**How does ProGlass Plus compare RelyX Luting Automix cement by 3M?**

The ProGlass Plus Cem double barrel special dispenser syringe overcomes material waste associated with mixing tips and is therefore much more cost effective.

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