



# RESIMENT<sup>®</sup> READY-MIX

*a filled composite resin cement*

## Resiment Ready-Mix Standard BIS-GMA self-curing resin cement

J.L. Blosser Inc., manufacturer of the Resiment two syringe composite resin cement product has expanded this line to offer a new auto-mix delivery system containing the original Resiment in both standard and fluoride formulations.

Resiment Ready-Mix Standard is a permanent BIS-GMA self-curing resin cements for most cementation needs. Resiment Cements can be used for the final cementation of crowns, bridges, implant prosthesis, inlays and onlays, Maryland bridges, pins and posts. Resiment is designed to be easy to use and cost effective for your office.

### Why Use Resiment Ready-Mix

- Resiment Ready-Mix is an auto-curing, filled, multi-purpose cement.
- Enjoy the convenience of an auto-mix delivery system,
- It can be used for final cementation of Implant Prosthesis, Bridges, Crowns, Inlays, Maryland Bridges, Cementation of Pins, Posts, Pit and Fissure Sealant and Periodontal Splinting.
- Great for short clinical crowns.
- Can be used on Dentin, Enamel, Composite, or Metal.
- Resiment is the cement of choice for many implant clinicians and is recommended by implant companies.



### Specifications

Tensile strength	41 MPa (5,920 psi)	pH	7
Compressive strength	208 MPa (30,135 psi)	Water solubility	.07
Film thickness	45 μ	Radiopaque	Yes

### Working and Setting Time

Working Time is approximately 1 minutes at 22 degrees C / 72 degrees F Room Temperature. Final Setting Time is approximately 3 minutes at 37 degrees C / 98 degrees F Body Temperature. Warm intraoral environment will accelerate working and setting times. The cement will set quickly when it comes in contact with primers on the tooth

### Presentation

Resiment Ready-Mix Standard is presented in a Kit format. Each kit contains: 1 Automix syringe containing 10 grams of material in total 15 mixing tips ( bulk packages of 50 tips are also available)

Item	Description
RRM-STD	Resiment Ready-Mix Standard
RRMT-50	Resiment Mixing Tips (Bulk package of 50)

## Technical Information

### Directions For Use

#### Initial Preparation of Dual Barrel Syringe

As with all Automix dual barrel delivery systems, it is important to check for homogeneous and simultaneous expression of both base and catalyst components from their respective syringe orifice. Prior to initial use, remove cap from the unused syringe and slowly and evenly depress the plunger until equal portions of the base and catalyst components are expressed evenly and simultaneously from their respective openings at the end of the double barrel. The system is now ready to be used.

Secure the mixing tip onto the bayonet fixture of the Double Barrel Syringe. Be sure to align the notch of the mixing tip with the groove on the attachment fixture of the syringe. Give the tip a quarter turn to the right to secure the tip in place. After use, dispose of the used mixing tip and be sure to replace with the original cap locked into place. If the cap is misplaced, an unused mixing tip can be left on the syringe until the next use. Do Not leave the syringe barrel openings exposed for prolong periods or during storage. Be careful not to cross-contaminate base and catalyst components at attachment openings.

#### Ceramic Restorations To Teeth

When ready for use, attach unused Ready-Mix tip to syringe:

- After try-in, place etched ceramic restoration in acetone or ethanol in ultrasonic cleaner for 1-2 minutes.
- Place silane coupling agent on internal surface of porcelain restoration.
- Acid etch (Per manufacturers instructions) or clean smear layer of tooth with non-fluoridated prophylactic paste or flour of pumice.
- Use enamel and dentin bonding system of your choice to prepare tooth for bonding.
- Attach unused Resiment Ready-Mix Tip to syringe and insure equal mixture.
- Seat restoration in place on tooth and hold in place until Resiment reaches initial set. (Approx. 1.5 minutes.)
- Remove excess cement IMMEDIATELY after initial set using explorer, scaler, or brush. Do not wait until final set (3.5 minutes) to remove excess cement.

#### Metal To Metal

Metal to metal restorations (implant prosthesis or crown on post).

- Use an air abrasive system (sandblasting) on all external metal surfaces to be exposed to Resiment. Intraoral metal should be roughened by a bur or a micro-etcher.
- If desired, apply a metal priming system of your choice to treat the metal exposed to Resiment.
- Clean posts or abutments with non-fluoridated pumice prior to cementation to remove any debris from the surface.
- Attach unused Resiment Ready-Mix tip to syringe and inject Resiment into restoration. Be sure not to trap any air bubbles.
- Seat restoration in place on tooth and hold in place until Resiment reaches initial set. (Approx. 1.5 minutes)
- Remove excess cement IMMEDIATELY after initial set using explorer, scaler, or brush. Do not wait until final set (3.5 minutes) to remove excess cement

**STORAGE:** Store at room temperature (20°C/68°F-25°C/77°F).

**PRECAUTIONS:** Uncured resins may cause skin sensitizations in susceptible persons. In case of contact, wash skin with soap and water.

**WARRANTY:** J.L. Blosser, Inc. recognizes its responsibility to replace products if proven to be defective. J.L. Blosser, Inc. does not accept liability for any damage or loss, either direct or consequential, stemming from the use or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

**CAUTION:** U.S. Federal Law restricts this device to sale by or on the order of a dental professional.

**Certifications:** FDA CE Health Canada

**Material Safety Data Sheets (MSDS)** The current Material Safety Data Sheets for Resiment Ready-Mix Standard are available at [www.jlblosser.com/msds.html](http://www.jlblosser.com/msds.html)