

Superior FUSION

How to Use Superior FUSION Adhesive

Superior FUSION Adhesive is a professional-grade bonding solution formulated for use on a wide variety of natural and engineered stone surfaces. Engineered with Modified Vinyl Ester chemistry, Superior FUSION offers excellent bond strength and clarity.

Follow these steps for optimal results in fabrication and installation settings.

Pre-Application Checklist

- TEST each piece before application to evaluate bond strength, appearance, and potential shadowing.
- Ensure that all contact surfaces are thoroughly cleaned and completely dry before adhesive application.

Mixing Instructions

1. Optional Color Tinting
 - If desired, add Superior RESIN COLORING PASTE to the resin before mixing with hardener to achieve a custom color match.
2. Add Hardener
 - Mix in 1% - 2% white BPO paste hardener by weight.
 - For best accuracy, use a digital scale to measure the correct ratio.
3. Thorough Mixing
 - Stir the resin and hardener together until fully blended and uniform in color and consistency.
 - Incomplete mixing can lead to improper bonding or extended cure time.

Working Time & Application

- At 70°F (21°C), the adhesive remains workable for approximately 4–6 minutes.
- Higher temperatures will shorten working time.
- Lower temperatures will extend it.
- Apply the adhesive evenly to one or both bonding surfaces.
- Join and clamp the stone pieces together within the working window to ensure a strong, void-free bond.
- Cure time is approximately 20–25 minutes, after which you may continue with polishing or fabrication.

Usage Conditions

- Indoor Use Only – Fusion is not UV stable and is not recommended for exterior applications.
- Ideal for kitchen countertops, vanities, indoor cladding, and other interior stone projects.

Storage Guidelines

- Store indoors at room temperature, ideally below 75°F (24°C).
- Avoid storage in direct sunlight, near heat sources, or in areas prone to freeze/thaw conditions.
- High or fluctuating temperatures will adversely affect the adhesive's shelf life and performance.
- Shelf Life: 1 year under proper storage conditions

