

Superior V-Max

How to Use Superior V-MAX Adhesive

Superior V-MAX Adhesive is a premium-grade, 100% Vinyl Ester adhesive formulated for maximum bond strength, clarity, and durability. For best results in fabrication and installation, follow these precise mixing and application steps.

Pre-Application Checklist

- Always TEST on a spare piece of each material before application to confirm bond strength, shadowing, and color match—especially critical when working with white marble or translucent stones.
- Ensure all contact surfaces are clean, dry, and free of dust, oils, or residue.

Mixing Instructions

1. Optional Tinting (Before Hardener):

- If color matching is needed, mix Superior RESIN COLORING PASTE into the resin before adding hardener to create a custom blend.

2. Add Hardener:

- Mix in 1% – 3% white BPO paste hardener by weight.
- Use a digital scale to measure precisely—over-hardening can affect curing and performance.

3. Blend Thoroughly:

- Mix the adhesive and hardener until the blend is uniform in color and consistency.
- Poor mixing may cause uneven curing or weak bonding.

Working Time & Application

- At 70°F (21°C), the mixture remains workable for 4–6 minutes.
- Higher temperatures reduce working time.
- Lower temperatures extend working time.
- Apply a consistent bead of adhesive to one or both surfaces.
- Ensure the stone pieces are joined and clamped within the working window to achieve full coverage and prevent voids.
- The adhesive will be fully cured in approximately 20 minutes, allowing fabrication to continue.

Usage Notes

- For Indoor Use Only – V-MAX is not UV stable and should not be used in exterior applications.
- For white marble or other translucent stones, always perform a pre-check for shadowing and visual clarity.

Storage Guidelines

- Store indoors at room temperature, ideally below 75°F (24°C).
- Do not expose to direct sunlight, freezing conditions, or excessive heat.
- High temperatures and freeze/thaw cycles will shorten shelf life and reduce adhesive performance.
- Shelf Life: 1 year in a stable, controlled environment