

Superior PEARL

How to Use Superior PEARL Adhesive

Superior PEARL is a translucent, pearlescent adhesive formulated with 100% Vinyl Ester resin, engineered for high-performance bonding of natural and engineered stone. Its light color and excellent polishability make it ideal for seaming, mitering, laminating, rodding, and chip repair, especially on light or white stones. For best results, follow the usage and handling instructions below.

Pre-Application Checklist

- Always TEST on a sample of the actual stone to confirm bond strength, visual clarity, and shadowing before final application.
- Make sure all contact surfaces are thoroughly cleaned and completely dry to ensure full adhesion.

Mixing Instructions

1. Optional Tinting (Before Hardener):
 - To achieve a custom color match, mix Superior RESIN COLORING PASTE into the adhesive before adding the hardener.
2. Add Hardener:
 - Add 1% - 3% white BPO paste hardener by weight to the resin.
 - Use a digital scale for accurate measurement. Overuse may affect clarity and performance.
3. Mix Completely:
 - Blend the adhesive and hardener thoroughly until fully uniform in color and texture.
 - Incomplete mixing can result in curing issues or weak bonds.

Working Time & Application

- At 70°F (21°C), the mixture remains workable for approximately 4 - 6 minutes.
- Higher temperatures reduce working time.
- Lower temperatures extend it.
- Apply adhesive to both surfaces or as needed.
- Join and clamp the stone within the working window to avoid voids and ensure a complete bond.
- The adhesive will be fully cured in 20 - 30 minutes, allowing fabrication or finishing to continue.

Usage Notes

- For Indoor Use Only – Superior PEARL is not UV stable and should not be used outdoors.
- To maintain the adhesive's pearlescent clarity, use only the specified amount of hardener and only the hardener provided by Superior.
- Always test light-colored porous materials (e.g., quartzite, white marble) for shadowing prior to use.

Storage Guidelines

- Store indoors at room temperature, ideally below 75°F (24°C).
- Do not expose to direct sunlight, freezing temperatures, or excessive heat.
- Fluctuating or extreme temperatures can degrade the resin and reduce shelf life.
- Shelf Life: 1 year when properly stored in a controlled environment

