

# **Superior EPOXY Adhesives (E-1000 & E-1010)**

### **How to Use Superior EPOXY Adhesives (E-1000 & E-1010)**

Superior EPOXY Adhesives offer exceptional strength, clarity, and flexibility—ideal for seaming, laminating, mitering, and structural stone bonding. Available in both Flowing (E-1000) and Knife Grade (E-1010) formulas, these epoxies are suitable for indoor and outdoor use, including installations exposed to freeze/thaw cycles and transportation stress.

### **Pre-Application Checklist**

- Always TEST on each substrate before use to verify bond strength, visual appearance, and compatibility.
- Ensure all bonding surfaces are thoroughly cleaned and completely dry for maximum adhesion.

### **Mixing Instructions**

1. Optional Tinting
  - If color matching is needed, tint Part A only using Superior RESIN COLORING PASTE before mixing with Part B.
2. Mixing Ratio
  - Mix 1 part Part A with 1 part Part B by VOLUME
  - Weight ratio: 1.15 Part A to 1.0 Part B
  - Accurate measurement is critical. Deviating from the 1:1 volume ratio can affect cure and bond performance.
3. Blend Thoroughly
  - Mix both parts until fully blended with a consistent, uniform color and texture.
  - Incomplete mixing may lead to soft spots or poor cure results.

### **Working Time & Cure**

- At room temperature (70°F / 21°C), the mixture remains workable for approximately 5 - 10 minutes.
- Full cure occurs within 2 - 4 hours, depending on temperature and material conditions.
- Once cured, the adhesive can be polished, machined, or transported as needed.

### **Application Environments**

- Indoor and Outdoor Use – Formulated for extreme conditions, including freeze/thaw exposure, vibration, and transportation stress.
- Ideal for natural stone, quartz, sintered stone, porcelain, and other dense materials.

### **Storage Guidelines**

- Store indoors at room temperature, not exceeding 75°F (24°C).
- Avoid exposure to direct sunlight, freezing temperatures, or high humidity.
- Improper storage will negatively affect shelf life and performance.
- Shelf Life: 1 year in a climate-controlled environment.
- Superior E-1000 (Flowing) and E-1010 (Knife Grade) Epoxies provide premium performance when mixed and applied correctly. Follow these guidelines for long-lasting, reliable, and professional results in even the most demanding fabrication environments.

