



**AeroMarine Products, Inc.**  
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## **AeroMarine Structural Epoxy Adhesive #1240**

AeroMarine 1240 is a thick paste viscosity epoxy system primarily used for structural bonding of concrete, stone, metals, wood, and most plastics. AeroMarine 1240 is used for hundreds of industrial bonding applications and offers excellent adhesion to porous or non-porous surfaces. It can be applied to vertical surfaces without sagging and cures overnight with negligible shrinking. Once cured, AeroMarine 1240 offers good machining qualities (sanding, drilling, tapping), and resists alkalies, mild solvents, and dilute acids.

AeroMarine 1240 can be drilled, tapped, and machined.

### **Uses include:**

- Structural bonding for concrete, cement, and stone
- Structural bonding for metals, especially steel and aluminum
- Bonds to most plastics except polyolefins and Teflon
- Stopping leaks in pipes, valves and tanks
- Bonding similar and dis-similar surfaces
- Filling metal joints, dents
- Anchoring bolts in concrete
- Bonding wood
- Repairing broken metal castings

The mix ratio is a simple 1:1 by either weight or volume. AeroMarine 1240 is a grey color and has a paste-like consistency. It has a working life of about 20 minutes, and it sets hard in a few hours.

### **Specifications:**

Mix Ratio:	Equal parts by weight or volume
Mixed viscosity:	Firm paste
Color:	Grey
Work life:	20minutes@70F
Cure time:	16 hours@70F
Shear strength:	2500psi
Tensile Strength	10,500psi
Flexural strength:	17,500psi
Compressive Strength	7,500 psi
Modulus of Elasticity in Tension	165,000 psi
Modulus of Elasticity in Compression	160,000 psi
Maximum use temperature	230F

### **Directions for use:**

Mix equal parts AeroMarine 132 resin and hardener until the resulting mixture is a uniform grey color. Apply with a trowel or putty knife. Epoxy does not stick to polyethylene, polypropylene, or Teflon.

**For industrial or professional use only.**

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