



John Greer & Associates  
4128 Napier St.  
San Diego, CA 92110  
1(877)342-8860

## AeroMarine Epoxy Adhesive #132

AeroMarine 132 is an aluminum filled, paste viscosity epoxy system primarily used for structural bonding of metals, wood, and most plastics. AeroMarine 132 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 132 offers good machining qualities (sanding, drilling, tapping), and resists alkalies, mild solvents, and dilute acids.

AeroMarine 132 can be drilled, tapped, and machined.

### Uses include:

- Structural bonding for metals, especially steel and aluminum
- 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 132 is a grey color and has a paste-like consistency. It has a working life of about 20 minutes, and 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                            |

Applying mild heat will cure AeroMarine 132 faster. For instance, it can be fully cured in two hours at 160F. **Post Curing** – Although not necessary, after AeroMarine 132 has cured at room temperature, heating the epoxy to 150° F for 4 to 8 hours will increase physical properties and performance. Let cool to room temperature before handling bonded substrates, machining, etc.

### Directions for use:

Mix equal parts AeroMarine 132 resin and hardener until the resulting mixture is a uniform grey color. Most substrates should be lightly abraded for best results. Epoxy does not stick to polyethylene, polypropylene, or Teflon.

**For industrial or professional use only.**

[www.jgreer.com](http://www.jgreer.com)