



## Advanced Adhesive Technologies, Inc. AAT-308 FRP Panel AD-Hesive Specification Sheet

### **Description:**

AAT-308 is an acrylic/resin based adhesive, non-flammable; “Environmentally Safe” adhesive made specifically for the installation of fiberglass reinforced plastic panels (FRP). AAT-308 bonds to concrete, plywood, gypsum drywall and plaster on all grade levels as recommended by the panel manufacturer.

### **Specific Technical Data**

- A. Base: Acrylic/resin emulsion
- B. Color: tan/white
- C. Working time: up to 30 minutes, varies due to substrates, temperature, humidity, and job conditions.
- D. Sizes: gallons, 4 gallon pails
- E. Freeze-Thaw Stable: 10°F, if frozen do not stir adhesive, allow to thaw in 70°F plus environment until 60°F before use.
- F. Typical trowel and approximate coverage:  $\frac{1}{4} \times \frac{1}{4} \times \frac{3}{4} \text{ V}$  (50-60 sq. ft. /gal)
- G. Shelf life: one year from date of manufacturer in an unopened container
- I. Clean-up: Wet (warm water): Dry (Safety Solvent)

### **Application and use:**

1. Panel manufacturer’s procedures must be followed. The area to be installed and the adhesive must be 65°F (18°C) or above for 48 hours before, during and after the installation. Substrate must be sound, smooth, dry, clean, and free of excessive moisture emission or alkali. All dirt, wax, loose paint, parting or curing agents and sealers must be removed before applying AAT-308.
2. When installing FRP over below-grade concrete or block walls where moisture can penetrate from the back, attach furring strips with mechanical fasteners and adhesive. The adhere panels using solid backing if needed. When installing FRP to ceilings follow the manufacturer’s recommendations and use permanent mechanical fasteners in conjunction with adhesive.
3. Cut and pre-fit panels: lay panels flat and let them condition (acclimate to room temperature for 12-24 hours before installing.)
4. Full spread the adhesive over the entire surfaces using the specified trowel ( $\frac{1}{4} \times \frac{1}{4} \times \frac{3}{4}$ ). Do not leave bare spots. Press down firmly on the trowel so that no adhesive is left between the notches.
5. Place the panel into the adhesive immediately. Press firmly over the entire surface, working from the center out, N-S; E-W. Cover the entire backing to ensure total transfer.
6. When using channel moldings and permanent fasteners, follow the panel manufacturer’s specifications. Allow a minimum 1/16” space to prevent the panels from being too tight in the moldings.
7. Clean-up: Wet- cloth dampened with soapy water; dry – AAT-197 Adhesive Remover and follow safety precautions.

**Cautions:** Read and follow all warnings and cautions on the product label. Refer to the Material Safety Data Sheet (MSDS) for additional product information.

**Warranty:** AAT warranties the use and performance of AAT-308 in that it will not breakdown or lost its cohesive bond strength due to a manufacturing or formulation defect for a period of five years from the date of installation; if used for its stated purpose and installed in accordance to the written limitations as set forth in our General Warranty.