PRODUCT DESCRIPTION
LIQUID NAILS® FRP Fiberglass Reinforced Plastic Panel Adhesive (FRP-300) is a unique high solids, trowel-grade adhesive specifically designed for Fiberglass Reinforced Panels. This is a VOC-compliant solvent-based adhesive which offers excellent gap filling capabilities and no burn through.

RECOMMENDED FOR
This product is ideal for bonding FRP panels to:
- Cured concrete
- Wood
- Drywall
- Cement backerboard
- Green board

NOT RECOMMENDED FOR
FRP-300 is not recommended for foamboard (Polystyrene), wallpaper, NRP Panels (non-reinforced plastic) or exterior use. Other LIQUID NAILS Adhesives are available for these uses.

PRODUCT ADVANTAGES
- VOC-compliant (except for South Coast AQMD)
- Trowel-grade adhesive
- Excellent gap filling capabilities
- Guaranteed not to burn through panels
- Limited professional warranty

Please research all installation instructions and read entire label for safety, health & environmental information prior to use.

Look for other LIQUID NAILS products which may be right for your project.

SURFACE PREPARATION
For best results, adhesive and substrates should be between 50°- 90° F. Surfaces must be structurally sound and dry, free of grease, dirt, dust, wall paper, paint or anything that would interfere with a bond. Level any high spots and fill all cracks and holes with appropriate fillers.

DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED.
Read Label and Material Safety Data Sheet Prior to Use.
See other cautions on last page. MDSF2-1100
APPLYING THE PRODUCT
1. Cut and pre-fit FRP panels.
2. Spread adhesive with the recommended trowel over entire back of the FRP panel.
3. As soon as adhesive is spread over entire panel and before adhesive skins over (within 45 minutes), set panel in position and press against wall.
4. Press panel firmly into place, working from the center to the edges until full contact has been made.
5. Bracing may be required if walls or panels are not completely straight.
6. For channel moldings, permanent fasteners, and panel spacings, follow FRP panel manufacturer’s specifications.

For application over concrete: Concrete surfaces must be dry and completely cured. When installing FRP panels over below-grade concrete, where moisture can penetrate, you must first attach furring strips to the concrete block and then attach a solid surface, such as wood or drywall, to those furring strips. Then continue with standard FRP application.

Working time: Up to 30 minutes. Very warm, dry conditions decreases working time.

CLEAN-UP
Use LIQUID NAILS™ Adhesive & Caulk Remover for best results. Mineral spirits can be substituted. Note warnings on mineral spirits container.

DISPOSAL
Contains organic solvents which may cause adverse effects to the environment if disposed of improperly. Place empty containers in normal refuse for disposal. Contact your sanitation department or household hazardous waste coordinator for information concerning possible re-use or disposal of unused solvent-containing adhesives and/or sealants.

LIMITED PROFESSIONAL WARRANTY
Macco warrants satisfaction with this product when handled and applied according to label instructions. If this product is not as warranted, please call 1-800-634-0015 for refund or product replacement details. This warranty excludes labor or the cost of labor and is intended to give specific legal rights. You may also have other rights that vary from state to state.

TECHNICAL INFORMATION
Base: Synthetic rubber/resin
Base: Solvent
Color: Tan
Appearance: Smooth
Application Temperature: 40° to 100° F (5° to 38° C)
Service Temperature: 0° to 120° F (-18° to 49° C)
Adhesion: Excellent to most common building materials
Consistency: Short
Bridging Ability: Excellent
Shear Strength:
Wood to Wood
Wood to FRP
24 hrs - 50 psi 24 hrs - 100 psi
48 hrs - 233 psi 48 hrs - 125 psi
7 days - 265 psi 7 days - 175 psi
14 days - 270 psi

Trowelability: Excellent
Durability: Very good
Flexibility: Very good
Water Resistance: Excellent
Freeze-Thaw Stable: Will not freeze
Staining: Do not use on marble or granite
Bleed: Do not use on marble or granite
Odor: Light solvent
Working Time: 30 minutes
Drying Time: Full cure 10-14 days on most substrates
Weight Per Gallon: 12 pounds (5.4 kg)
Viscosity: 320,000 CPS
Volatiles: 16%
Flammability: Flammable
Flash Point: 24°F (-31°C)
Coverage: 50 sq. ft. per gallon
Shelf Life: 12 months from date of purchase
Specifications: Meets ASTM C-557.
MAX VOC: 196 GPL