FRP

FIBERGLASS REINFORCED PLASTIC PANEL

FRP-300 **Interior**

A VOC- Compliant, solvent based adhesive which offers excellent gap filling capabilities.

PRO PERFORMANCE GUARANTEE

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

LIQUID NAILS® ADHESIVE

FRP

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Interior

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. EAD-C9

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 given as the exclusive warranty and remedy. **No warranty of merchantability, fitness for purpose or other warranty, express or implied, is made.** Macco shall not be liable for any special, incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the limitations may not apply. This warranty gives specific legal rights. You may also have other rights that vary from state to state.

DANGER! FLAMMABLE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains Crystalline Silica. If sanding, wear a dust mask to avoid breathing of sanding dust. Keep away from heat, sparks and flame. **Do not smoke. Vapors may ignite.** Vapors may spread long distances. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Do not breathe vapors. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and skin. Close container after use. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush **immediately** with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or breathing difficulty occurs, **get medical attention.**

For emergency information, customer service, MSDS or additional safety and chronic hazard information, call 1-800-634-0015. KEEP FROM FREEZING. MDS17-0705

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FRP-300 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

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Division of:
ICI Paints

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