



WALL BOND

FRP & TILE ADHESIVES

WALL BOND FRP PANEL ADHESIVE

DESCRIPTION

Wall Bond FRP Adhesive is a premium grade, environmentally friendly, VOC-compliant adhesive that's specifically formulated for the installation of FRP (fiber-reinforced plastic) panels over most porous surfaces. This trowel grade, latex-based formula is ideal for bonding FRP panels to drywall, non-treated plywood, concrete, and most other common porous substrates. It offers quick grab and strength development that requires minimal bracing.

APPLICATION LIMITATIONS: For interior use only. For best results, store adhesive above 50°F. Made for use only on porous substrates, unpainted interior drywall, non-treated plywood, and cement board. **NOT FOR USE ON fiberglass faced and/or mold/moisture resistant drywall, treated or fire treated plywood, painted walls or on Fire code drywall with paper that contains Borax.** Consult Wall Bond technical support for additional information.

SHELF LIFE: When stored in original, tightly sealed container two years in unopened containers from the date of manufacture.

FEATURES AND BENEFITS

- Water Based
- Quick Grab
- VOC Compliant – Environmentally Safe
- Meets USGB LEED V4 Rating
- Meets CDPH/EHLB V1.2 Standard for Classrooms & Offices
- Low Odor / Non-Staining
- Meets ASTM C557

APPLICATION TEMPERATURE: Installation temperature range should be 60°F to 75°F (16°C to 24°C) and relative humidity range should be 35% to 55%. Avoid large temperature swings during the first 24 hours after installation.

AVAILABLE IN: 4 Gallon Pails

COVERAGE: Approximately 50 sq. Ft. gallon

TYPICAL PHYSICAL PROPERTIES

PROPERTY	TYPICAL VALUE
POLYMER TYPE	Water Based Acrylic Polymer
PERCENT SOLIDS	65% - 70%
VOC	<50g/L
COLOR	White
APPLICATION	3/16" Wide x 1/4" Deep x 1/2" Center to Center
OPEN TIME	20 - 30 Minutes

SUBSTRATES:

Check and make sure the substrate is a type approved. Failure to select the correct substrate could result in the adhesive not drying or bonding properly. Make certain the surface is clean and free of loose material that would affect adhesion, including thick and excessive amounts of joint compound wider than 3" inches. For seams with excess joint compound wider than 3", seal drywall joint using a 50/50 mix of latex paint and water applied lightly over the drywall compound only. The surface must be flat enough that the adhesive comes in full contact with the substrate for proper bonding. Concrete surfaces must be fully dried/cured so adhesive can properly dry. Bracing maybe required if walls and/or panels are not straight. It is recommended that panels over 8 feet tall be braced as a precaution.

APPLYING ADHESIVE:

Make sure that the substrate is a type approved for use with this product. Follow the recommendations for trowel style (e.g.,

appropriate height of adhesive bead left by trowel). It is important to apply adhesive carefully and follow all directions to prevent problems that may result from using too little or too much adhesive. 100% adhesive coverage applied to the entire back of the panel is recommended by using a "crosshatch" pattern. Adhesive should extend to all edges of the panel and should be applied directly to the back of each individual FRP panel. **DO NOT APPLY ADHESIVE TO WALL.**

SPACING:

All FRP panels have expansion characteristics due to changes in humidity and temperature that must be accounted for during installation with proper spacing around panel edges and around fixtures attached to the panel/wall. Adequate space must be allowed for panel expansion and contraction. **Contact the FRP panel manufacturer for specific recommendations.** Generally, FRP panels will require, a minimum gap of 1/4" at the top and bottom of each panel. Between the panels should have a minimum of 1/8", but some panel manufacturers recommend having 1/4". It is recommended that panels do not exceed 48" in width and 12' in length to aid in ease of installation and ensure a satisfactory finished installation. When a moisture resistant installation is required, silicone sealant should be applied in all moldings around all panel edges, fastener, and fixtures.

BASIC FRP INSTALLATION STEPS

1. Trim panel to fit. Oversize pilot holes if drop-in ceiling wall angle is attached to and through FRP (Please allow for proper expansion and contraction).
2. Apply adhesive to 100% of the backside of panel using a crosshatch pattern using the recommended trowel.
3. Place panel on wall, leaving appropriate room at panel joints and corners for expansion and contraction.
4. Using a laminate roller, remove air pockets by rolling down and out toward the panel edge without a molding.
5. Fit appropriate moldings to panels edge leaving a minimum of 1/8" for expansion between panel and molding stem.
6. Install next panel.
7. The nature of FRP panels is to expand and contract. Without leaving required room for expansion and contraction, FRP panels can develop buckles and/or bulges because panel movement will occur.

PLEASE READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

This information and guidelines are provided in good faith to help prevent installation problems caused by common errors. The manufacturer and/or distributor of the product bears no responsibility for installation actions taken or not taken. There are many nuances of installation that are assumed to be general construction knowledge to an experienced installer; such nuances are not included in these instructions. Rather, this information and installation guidelines are strictly recommendations and are not intended to serve as a step-by-step, foolproof installation checklist. Selection of an experienced FRP installer is the sole responsibility of the project owner and architect. Greenmaker Industries does not accept any responsibility for job failure resulting from or associated with improper job site environmental conditions or application errors.

MAKE SURE YOU ARE USING THE MOST CURRENT PRODUCT INFORMATION BY VISITING WALL-BOND.COM.

LIMITED WARRANTY

This product is warranted to be free from defects in materials when used as directed. Greenmaker's sole obligation shall be, at its option, to replace or refund the purchase price of product proven to be defective. Greenmaker makes no other warranty, express or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE and will not be liable for consequential or incidental damages. This limited warranty gives you specific legal rights, which vary from state to state. Greenmaker may be contacted at 860-761-2830 M-F 7:00 am to 5:00 pm EST for assistance.



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