



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

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DAP® WELDWOOD® FRP Adhesive

- No bracing required
- Non staining
- Easy to spread
- Easy to clean up
- Nonflammable, VOC compliant

Packaging: Gallon & 4 Gallon
Color: Off-White/Light Gray
UPC Number: 70798 60480, 70798 60481

Company Identification:

Manufacturer: DAP Inc., 2400 Boston St., Baltimore, Maryland 21224
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.
Order Information: 800-327-3339
Fax Number: 410-534-2650
Also, visit the DAP website at www.dap.com.

Product Description:

DAP® WELDWOOD® FRP Adhesive is a nonflammable, freeze/thaw stable, acrylic-based adhesive with good initial tack and easy-spreading characteristics for rapid installation of most FRP (Fiberglass Reinforced Plastic) panels.

Suggested Uses:

For FRP to most interior surfaces.

DAP® WELDWOOD® FRP Adhesive is designed for installing FRP to concrete, plaster, plywood, and gypsum wallboard.

Performance Characteristics:

DAP® WELDWOOD® FRP Adhesive adheres FRP to drywall, cured plaster, wood, plywood, and hardboard, fully cured concrete and painted surfaces. Do not use over vinyl wall coverings or epoxy paint. Initial “wet grab” aids in holding FRP in place with little or no bracing required. Will not stain FRP. Water resistant when dry. It produces low odor and is VOC compliant.

Surface Preparation & Application:

Preparation:

1. Maintain adhesive, FRP and room at a stable temperature of at least 65° F (18° C) for 24 hours before and after installation.
2. Provide adequate ventilation for 72 hours after installation or until adhesive odors cannot be detected.

3. Wall surface must be clean, dry, flat, firm, and free of dust, dirt, loose paint, soap film, oil, curing compound, old adhesive, wax, grease, and foreign material. Scarify (roughen) surface of glossy paint. Plaster must be dry and fully cured. Never apply over wallpaper, vinyl wall coverings, sandy brown coat plaster, or fresh plaster with high-moisture content.

Trowel Notch Size

3/32" x 3/32" x 3/32"

V-notched trowel

Approx. Coverage

50 – 70 square feet/gallon

Coverage is dependent on trowel condition and surface porosity.

Application:

1. Prefit FRP panels to the wall prior to applying adhesive.
2. Apply adhesive evenly over the wall or the entire back of the panel using a 3/32"x 3/32"x3/32" V-notch trowel held at a 45° angle. Uncoated gypsum wallboard and other porous surfaces should be primed with a skim coat of adhesive.
3. Wait 5 to 20 minutes, depending on temperature and humidity, before attaching panel to substrate. Some backings may require "roughing up" to improve mechanical bond. Perform a test bond prior to application.
4. Roll the entire surface with a heavy-duty #333 extension hand roller or apply pressure with the edge of a soft block of wood. Press firmly, working from center to outer edges.
5. Temporary bracing may be necessary if walls or panels are not straight.

Physical & Chemical Characteristics:

Base:	Synthetic Acrylic Latex
Volatile:	Water
Flammability:	Nonflammable
Solids:	60% by weight
Weight/Gallon	12 lbs
Odor:	Mild
Color:	Light gray
Consistency:	Medium Paste
Open Time:	20 Minutes depending on temperature and humidity
Freeze Thaw Stability:	Passes 5 Cycles
Application Temperature Range:	At least 65° F (18° C) for 24 hours before installation
Service Temperature Range:	40° F- 60° F
Shelf Life:	12 Months
Packaging:	Gallon, and 4 Gallon
MSDS No:	70041

Clean Up:

Use soapy water to remove adhesive from cove base and tools. Use mineral spirits for dried adhesive.

Storage:

Product has 12 month shelf life when stored in a cool, dry place. Product will withstand 5 freeze/thaw cycles without affecting performance. Follow original directions for reuse. Maximum storage time will be achieved if storage container has minimal air entrapment with a tight lid.

Safety:

See product label or Material Safety Data Sheet for safety information. You can request an MSDS sheet by calling 888-DAP-TIPS or by visiting our website at www.dap.com.

Limited Warranty:

DAP Inc. warrants that this product, when applied in accordance with our label, technical bulletins and applicable industry standards, will be free from defects in material and workmanship for 12 months from the date of purchase. If a product defect is encountered, call DAP Inc., Technical Customer Service at 1-888-DAP-TIPS for further information. Have your sales receipt available. DAP's **sole liability** is either to supply new product or refund the purchase price. This limited warranty excludes all other express or implied warranties, including the warranties of **Merchantability or Fitness For a Particular Use or Purpose**. DAP will in no event be liable for any incidental or consequential damages. Some states do not allow limitations on how long implied warranties last or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.