



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

Revised: 10/5/06

DAP® Paneling & Foam Construction Adhesive

- Quick-grab formula
- Won't etch or burn through
- Meets ASTM Specification C 557

Packaging: 10.3 fl. oz. (305mL)
Color: Light Gray
UPC Number: 70798 25403, 70798 25003

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® Paneling & Foam Construction Adhesive is a high-quality, dual-purpose adhesive designed to bond paneling or foamboard insulation to a variety of substrates. Quick-grab formula reduces nailing requirements. Won't etch or burn through. Meets ASTM Specification C 557. Interior/exterior use.

Suggested Uses:

Bonds:

- Paneling
- Polystyrene Foam
- Metal, plaster, drywall, ceramic tile, fiberglass, plywood, hardboard, waferboard, particleboard, corkboard
- Molding
- Furring Strips

For Best Results:

- Keep adhesive at or above 40°F prior to use for easier gunning.
- Air and substrate temperature should be between 40°F and 90°F. Condition panels within room 24 to 48 hours prior to installation.
- Do not install foamboard in temperatures greater than 90°F.
- Not recommended for applications other than paneling and foamboard installation.
- Not for continuous water submersion.

Surface Preparation & Application:

1. Surfaces must be clean, structurally sound and free of foreign material.
2. Precut and fit materials before applying adhesive.
3. Trim nozzle to 1/4" bead size.
4. Puncture inner foil seal.

5. Load cartridge into caulking gun.
6. Apply a continuous bead to surface (see specific Application Tips below).
7. Within 10 minutes, position and press substrates firmly into place.
8. Fasteners or bracing recommended for heavier substrates. Fasteners or bracing may be needed for lighter substrates until adhesive has set.
9. Allow to dry for 24 hours.

Application Tips:

Paneling & Molding:

Installing Furring Strips: Furring strips can be fastened to plaster, concrete and masonry walls or plaster ceilings. Let new concrete or masonry walls thoroughly cure for a minimum of 28 days. Apply a continuous 1/4” zigzag bead to the back of each furring strip. Firmly and evenly press each furring strip to the wall or ceiling. Use fasteners as required. Allow adhesive to dry 24 hours before installing panels to furring strips.

Installing Paneling to Studs or Furring Strips: Condition panels within room where they will be installed for 24 to 48 hours as required by manufacturer. Apply a continuous 1/4” zigzag bead along stud or furring strip. Position each panel so edges meet at the center of the stud or furring strip and abut against the preceding panel. Avoid a tight fit by allowing 1/8” space at top and bottom and a “dime” thickness between panels for expansion. Firmly and evenly press panel into position. Secure each panel with a small finishing nail in each corner. Using a hammer and a block of wood wrapped with a cloth, tap firmly over the bonded panel surface to ensure good adhesion. Repeat once within an hour of installation.

Foamboard Insulation:

To Wood or Metal Studs: Apply a continuous 1/4” zigzag bead to length of studs or furring strips. Firmly and evenly press panel onto studs or furring strips. Use nails or screws to secure top and bottom.

To Concrete or Masonry Walls: When applying to new concrete or masonry walls, allow walls to thoroughly cure for a minimum of 28 days. Three inches in from each edge of foam panel, apply a continuous 1/4” bead of adhesive. Also apply 1/4” continuous bead of adhesive down the middle of the foam panel. Firmly and evenly press foam insulation panel onto concrete or masonry wall. Press foamboard into adhesive and vent by pulling panel back to allow the solvent to flash for 1 to 2 minutes. Repress foamboard firmly onto wall. Air and substrate temperatures should not exceed 90°F.

Physical & Chemical Characteristics:

Vehicle:	Synthetic Polymer
Volatile:	Aliphatic Petroleum Distillates
Flash Point:	<0°F
Solids:	77% by weight
Weight/Gallon:	11.4 lbs
Odor:	Mild Solvent
Color:	Light Gray
Consistency:	Smooth Paste
Application Temperature Range:	40°F to 90°F Foamboard 40°F to 120°F Paneling
Service Temperature Range:	-20°F to 140° F
Open Time:	10 Minutes
Freeze Thaw Stability:	5 cycles
Coverage:	10.3 fl. oz. cartridge: 1/4” bead covers 32 linear feet
Shelf Life:	1 Year
MSDS No.	000 10331

Clean Up & Storage:

Use mineral spirits to clean up excess wet adhesive from surface and tools, following solvent manufacturer's precautions. Cured adhesive must be cut or scraped away. Product has a 12 month shelf life when unopened and stored in a cool, dry place. Follow original directions for re-use.

Safety:

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

Satisfaction Guaranteed:

If not satisfied with product performance when used as directed, return used container and sales receipt to DAP Inc., Technical Customer Service, 2400 Boston St., Suite 200, Baltimore, MD, 21224, for product replacement or sales price refund. DAP will not be liable for incidental or consequential damage.