



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

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

Revised: 12/06/06

DAP® BEATS THE NAIL®

All-Purpose Construction Adhesive-VOC Compliant

- For general construction, remodeling, maintenance & repair projects
- High strength, permanent bond
- Heat & water resistant
- Quick-grab formula
- Low odor, easy water clean up
- Meets ASTM Specification C 557

Packaging: 10.3 fl. oz. (305mL), 28 fl. oz. (828mL)

Color: White

UPC No: 70798 27050, 27058, 27450, 27458

Company Identification:

Manufacturer: DAP Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.

Order Information: 800-327-3339

Also, visit the DAP website at **www.dap.com**.

Product Description:

DAP® BEATS THE NAIL® All-Purpose Construction Adhesive-VOC Compliant is a high strength, latex-based adhesive ideal for bonding a wide variety of building materials. It is easily applied and provides a heat and water resistant bond with fewer nails or fasteners required. It reduces squeaks, nail pops and splitting. It is low odor and easy water cleans up easily with soap and water. Meets ASTM Specification C 557. Interior/exterior use.

Suggested Uses:

Bonds:

- Wood to wood assemblies
- Metal joints to lumber
- Lumber and treated lumber
- Thresholds
- Prefinished panels
- Metal, brick, plaster, masonry, concrete, drywall, ceramic tile, Styrofoam, plywood, waferboard, particleboard
- Bathroom fixtures
- Fiberglass shower enclosures
- Polystyrene foam
- Foamboard insulation

For Best Results:

- Apply in temperatures above 40°F.
- Keep adhesive at or above 40°F prior to use for easier gunning.
- For subfloor applications, use **DAP® VOC Compliant SUBFLOOR & DECK ADHESIVE**.
- Not for continuous water submersion.
- Pretest compatibility of the adhesive with certain plastic composite materials, oily woods or treated lumber, treated OSB or treated plywood.

Surface Preparation & Application:

1. Surfaces must be clean, structurally sound and free of foreign material.
2. Pre-cut and fit materials before applying adhesive.
3. Trim nozzle to desired bead size. 1/4" recommended for most applications.
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 30 minutes, position and press substrates firmly into place.
8. Certain applications may require mechanical fasteners.
9. Allow to dry for 24 hours.

Application Tips:

Wall Panels:

Apply a continuous zigzag 3/8" bead the length of studding or furring strips. Press panel into position and mechanically fasten each panel corner.

Installation Directly to Walls:

Apply a continuous 3/8" bead around perimeter of panel and apply an "X" bead from opposite inside corner to corner. A serpentine pattern may be substituted for an "X" bead. Press panel into position and mechanically fasten each panel corner

Physical & Chemical Characteristics:

Base:	Acrylic latex resin
Volatile:	Water
Flash Point:	Greater than 200°F
Solids:	73-77% by weight
Weight/gallon:	12.3-12.8 lbs.
Odor:	Mild
Color:	White
Consistency:	Smooth Paste
Application Temperature Range:	40°F to 120°F
Service Temperature Range:	0°F to 120°F
Open time:	30 minutes
Freeze/thaw Stability:	5 cycles
Coverage:	28 fl. oz. cartridge: 1/4" bead covers 86 linear feet. 3/8" bead covers 38 linear feet. 10.3 fl. oz. cartridge: 1/4" bead covers 32 linear feet. 3/8" bead covers 14 linear feet.
Shelf Life:	1 Year
MSDS Number:	00077095

Clean Up & Storage:

Use warm, soapy water to clean up excess wet adhesive from surface, hands and tools. Cured adhesive must be cut or scraped away. Product has a 12 month shelf life when tightly closed and stored in a cool, dry place. Follow original directions for reuse.

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 damages.

