



TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

DAP® BEATS THE NAIL All-Purpose Construction Adhesive

PRODUCT DESCRIPTION

DAP® BEATS THE NAIL All-Purpose Construction Adhesive is a high strength, weatherproof adhesive ideal for bonding a wide variety of building materials. The formula provides a heat and water-resistant bond with fewer nails or fasteners required. It reduces squeaks, nail pops and splitting. Meets ASTM Specification C557. Interior/exterior use.



PACKAGING	COLOR	UPC
10.3oz (305 mL)	Gray	7079825082

KEY FEATURES & BENEFITS

- For general construction, remodeling, maintenance & repair projects
- High strength, permanent bond
- Heat & water resistant
- Meets ASTM Specification C557

SUGGESTED USES

Adheres to:

- Wood to wood assemblies
- Metal joints to lumber
- Lumber to treated lumber
- Thresholds
- Prefinished panels
- Metal, brick, plaster, masonry, concrete, drywall, ceramic tile, plywood, waferboard, particleboard



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FOR BEST RESULTS

- Apply in temperatures above 40° F.
- Keep adhesive at or above 40° F prior to use for easier gunning.
- Not for continuous water submersion.
- One surface must be porous.

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 applicator 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. Certain applications may require mechanical fasteners.
9. Allow to dry for 24 hours.

Application Tips:

Paneling: 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 pull back to allow the solvent to flash for 1-2 minutes. Re-press foam board onto wall. Air and substrate temperatures should not exceed 90°F.



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Drywall:

Walls Over Studs: Apply a continuous 3/8" bead of adhesive starting 4" to 6" down from top of stud or furring strip, stopping 4" to 6" from bottom. Position wallboard and press firmly in place within 30 minutes. Use fasteners in accordance with local building standards. Use fasteners around perimeter 16" on center, 3/8" in from edge. Where gypsum panels meet over a supporting member, apply 2 parallel 1/4" beads of adhesive near edge of each member

Ceilings: Follow directions above for wall installation and use fasteners 24" on center in the field of the board per framing member.

Laminating Gypsum Board: When laminating gypsum wallboard and vinyl faced gypsum wallboard to gypsum wallboard, apply parallel beads of adhesive 12" to 16" on center. Follow wall instructions for nailing schedule. When laminating gypsum wallboard and vinyl faced gypsum wallboard to concrete or block walls, apply parallel 3/8" beads of adhesive to gypsum wallboard 12" on center. Position and use permanent mechanical fasteners 16" on the center perimeter and at least one within field of board.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance/Constancy	Smooth Paste
Vehicle	Synthetic Rubber
Volatile	Petroleum Solvents
Odor	Strong Solvent
Solids	77% by weight
Weight/Gallon	11.4 pounds
Service Temperature	-20°F to 140°F
Application Temperature	40°F to 120°F
Work Time	10 minutes
Freeze Thaw Stability	Passes least 5 cycles
Shelf Life	12 months
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.



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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 tightly closed and stored in a cool, dry place. Follow original directions for reuse.

SAFETY

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

WARRANTY

Limited Warranty

DAP Products Inc. warrants that this product, when applied in accordance with our label, technical bulletins and applicable industry standards, will be free from defects in materials and workmanship for 12 months from the date of purchase. If a product defect is encountered, call 1-888-DAP-TIPS for warranty fulfillment. You must have your sales receipt and product container available when you call.

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 nor exclusions or limitations of incidental or consequential damages, so the above limitations 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.

COMPANY IDENTIFICATION

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

Usage Information: Call **1-888-DAP-TIPS** or visit dap.com & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com