



# Technical Bulletin

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

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## DAP® BEATS THE NAIL® Subfloor & Deck Construction Adhesive-VOC Compliant

- Reduces nailing, floor squeaks & nail pops
- Bonds wet, frozen & treated lumber
- Easy gunning
- Low odor, water clean-up
- High-strength, weatherproof bond
- Meets APA AFG-01& ASTM D3498, Conforms to HUD UM60a

**Packaging:** 10.3 fl. Oz. (305 mL), 28 fl. oz. (828 mL)  
**Color:** Tan  
**UPC No:** 7079827430, 7079827438

### Company Identification:

**Manufacturer:** DAP Products Inc., 2400 Boston St., Ste. 200, Baltimore, Maryland 21224  
**Usage Information:** Call 1-888-DAP-TIPS or visit [dap.com](http://dap.com) & click on "Ask the Expert"  
**Order Information:** 800-327-3339  
**Fax Number:** 410-534-2650

### Product Description:

**DAP® 4000® VOC Compliant Subfloor & Deck Construction Adhesive** is an advanced polymer technology formulation which meets APA, The Engineered Wood Association, Specification AFG-01 and ASTM D3498 for subfloor construction. It reduces nailing requirements, floor squeaks and nail pops. Forms a permanent bond on wet, frozen and treated lumber. Easy gunning. Interior/exterior use.

### Suggested Uses:

#### *Bonds:*

- Wood to wood assemblies
- Glued floor systems
- Lumber and treated lumber
- Plaster
- Masonry
- Drywall
- Plywood
- Waferboard
- Particleboard

### 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. 3/8" bead is recommended for subfloor applications.
4. Puncture inner foil seal.
5. Load cartridge into caulking gun.

6. Apply a continuous bead to joists, studs or backside of siding or panels.
7. Within 15 minutes, position and press substrates firmly into place. If left open longer than 15 minutes, scrape off and reapply.
8. Install nails or screws within 15 minutes.
9. Allow to dry for 24 hours before exposing to heavy traffic.

**Application Tips:**

- **Tongue & Groove Subfloor:** Use a 3/8” continuous bead on joists. Use ample bead of adhesive in all grooved channels (remove excess squeezed out adhesive before it dries). Panel joints should not be tight. Allow 1/8” gap for expansion. Position and nail or screw within 30 minutes. Proper installation methods for subfloorings must be followed.
- **Decks:** Use 1/4” adhesive bead on every joist for additional strength and to prevent squeaks. Pre-drill nail holes. Nail planks at every other joist.

***For Best Results:***

- *Apply in temperatures above 0°F.*
- *Keep adhesive at or above 40°F prior to use for easier gunning.*
- *Not recommended for applications other than subfloor, deck and wall installation.*
- *If using on concrete, concrete must be above grade, dry, and fully cured (at least 28 days).*
- *Not for continuous water submersion.*

**Physical & Chemical Characteristics:**

Vehicle:	Synthetic Latex
Open Time:	15 Minutes (3/8” bead)
Application Temperature Range:	0°F to 90°F
Service Temperature Range:	-20°F to 140°F
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.
Odor:	Mild
Color:	Tan
Volatile:	Ethanol & Water
Flash Point:	>200°F
Solids:	65 ±1.0% by weight
Weight/Gallon:	11.1 +/- 0.1
Consistency:	Smooth Paste
Freeze/Thaw Stability:	5 cycles
Shelf Life:	12 Months
MSDS Number:	00079999001

**Clean Up & Storage:**

Use warm, soapy water to remove 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 (MSDS) for safety information. You can request an MSDS by visiting our website at [dap.com](http://dap.com) or by calling 1-888-DAP-TIPS.

**Satisfaction Guaranteed:**

If product fails to perform when used as directed, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston St., Ste. 200, Baltimore, MD 21224 for replacement product or sales price refund. DAP is not liable for incidental or consequential damages.

