



Technical Bulletin

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

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DAP® 4000® Subfloor & Deck Construction Adhesive

- Reduces nailing, floor squeaks & nail pops
- Bonds wet, frozen and treated lumber
- Easy gunning
- High strength, weatherproof bond
- Meets APA AFG-01 & ASTM D 3498, conforms to HUD UM-60a

Packaging: 10.3 fl. oz. (305 mL), 28 fl. oz. (828 mL)
Color: Tan
UPC Number: 0 70798 25020 8, 0 70798 25117 5

Company Identification:

Manufacturer: DAP Products 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® 4000® Subfloor & Deck Construction Adhesive is a premium grade, weatherproof formulation which meets APA, The Engineered Wood Association, Specification AFG-01 for subfloor construction, ASTM D 3498 and conforms to HUD UM-60a. 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
- Metal
- Plaster
- Masonry
- Drywall
- Ceramic Tile
- Plywood
- Waferboard
- Particleboard
- Concrete

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.
- Not for continuous water submersion.
- If using on concrete, concrete must be above grade and allowed to cure fully (at least 28 days).

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. Nail planks at every other joist. Pre-drill nail holes.

Physical & Chemical Characteristics:

Vehicle:	Synthetic Rubber
Volatile:	Toluene and Petroleum Distillates
Flash Point:	75°F
Solids:	61-64% by weight
Weight/Gallon:	9.2 ± 0.05 lbs.
Odor:	Mild Solvent
Color:	Tan
Consistency:	Smooth Paste
Application Temperature Range:	0°F to 120°F
Service Temperature Range:	-20°F to 140°F
Bonded Strength:	Shear: 300-600 psi
Open Time:	15 Minutes (3/8” bead)
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 oz cartridge: 1/4” bead covers 32 linear feet. 3/8” bead covers 14 linear feet.
Shelf Life:	12 months if unopened
MSDS No.:	00010303001

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. DO NOT use mineral spirits to remove product from skin. Product has a 12 month shelf life when unopened. 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 www.dap.com or calling 888-DAP-TIPS.

Satisfaction Guaranteed:

If not satisfied with product performance when used as directed, DAP Products Inc. will either provide a product replacement or a sales price refund. Call 1-888-DAP-TIPS, with your sales receipt and product container available, to arrange for warranty fulfillment. DAP will not be responsible for incidental or consequential damages.