



Technical Bulletin

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

Revised: 5/5/2004

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 Specification D 3498, conforms to HUD UM-60a

Packaging: 10.3 fl. oz. (305 mL), 29 fl. oz. (856 mL)
Color: Tan
UPC Number: 25020, 25117

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® 4000® Subfloor & Deck Construction Adhesive is a premium grade, weatherproof formulation which meets APA, The Engineered Wood Association, Specification AFG-01 for subfloor construction. It conforms to FHA Use of Materials Bulletin UM-60-a and meets ASTM Specification D 3498. 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.

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 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:	<0°F
Solids:	63-65%
Weight/Gallon:	9.5 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:	29 fl. oz. cartridge: 1/4” bead covers 89 linear feet. 3/8” bead covers 41 linear feet. 10.3 oz cartridge: 1/4” bead covers 32 linear feet. 3/8” bead covers 14 linear feet.
Shelf Life:	1 Year
MSDS No.	10303

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 and Material Safety Data Sheet for safety information. You can request an MSD sheet by visiting our website at 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., Baltimore, MD, 21224, for product replacement or sales price refund. DAP will not be liable for incidental or consequential damage.