



# TECHNICAL DATA SHEET

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

## DAP® 4000® SUBFLOOR Construction Adhesive

### PRODUCT DESCRIPTION

**DAP® 4000® SUBFLOOR** Construction Adhesive is specifically formulated for subfloor & deck installation. This easy-to-gun, solvent-based adhesive prevents floor squeaks and improves the structural performance of floor assemblies when used properly. 4000® SUBFLOOR construction adhesive delivers a high-strength, weatherproof bond on wet, frozen & treated lumber.



PACKAGING	COLOR	UPC
28 FL OZ (828 mL)	Light Tan	7079825117

### KEY FEATURES & BENEFITS

- **Easy to Gun in Cold Temperatures**
- **Bonds Wet, Frozen, & Treated Lumber**
- **High-Strength, Weatherproof Bond**

### PERFORMANCE CHARACTERISTICS

- Meets/Exceeds ASTM D3498 specifications for subfloor installation
- Won't freeze
- Application temperature range from 0°F to 120°F
- Provides a strong, permanent bond
- Prevents floor squeaks
- Improves structural performance of floor assemblies

### SUGGESTED USES



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## Adheres to:

- Concrete
- Dimensional Lumber
- Masonry
- Metal
- Moisture Resistant OSB
- OSB
- Plywood
- Treated Lumber
- Wood

## Recommended for:

- Subfloor & Deck Installation
- Wood-to-Wood Assemblies
- Glued Floor Systems

## Not Recommended for:

- Bonding two non-porous materials
- Constant water exposure
- Foamboard installation
- Mirror installation
- Applications other than subfloor & deck installation

## FOR BEST RESULTS

- Apply in temperatures above 0°F. Keep adhesive above 40°F for easier gunning.
- One surface must be porous.

NOTE: If using on concrete, concrete must be above grade, dry & fully cured (at least 28 days.)

## APPLICATION

1. Surfaces must be clean, structurally sound and free of all foreign material.
2. Precut & 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 applicator gun.
6. Apply a continuous bead to joists, studs or backside of siding or panels. (See specific Applications Tips below).
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 after positioning substrates in place.
9. Allow to dry for 24 hours before exposing to heavy traffic.



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## 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 subflooring 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.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency:	Smooth paste
Base Polymer:	Synthetic rubber
Bead Color	Light tan
Weight % Solids	63%
Odor	Mild solvent
Clean Up	Mineral spirits
Flash Point	75°F
Shelf Life:	18 months
Coverage	28oz: 1/4" bead yields 86 linear ft, 3/8" bead yields 38 linear ft
Typical Application Properties	
Application Temperature Range	0°F – 120°F
Tooling Time (Working Time)	15 minutes
Full Cure Time	7 days
Typical Cured Performance Properties	
Service Temperature Range	-20°F – 140°F
Gap Bridging	Up to 1/16"
VOC Content	< 420g/L
Calif. ARB VOC	< 38% Wt/Wt

## CLEAN UP & STORAGE



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Clean up excess wet adhesive with mineral spirits. Excess dried adhesive must be cut or scraped away. Do not use mineral spirits or any other solvent to clean skin. Clean hands and tools with warm water and soap. Store container in a cool, dry place away from extreme heat or cold.

## SAFETY

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

## WARRANTY

**LIMITED WARRANTY:** DAP Global Inc. will provide replacement product or refund sales price if product fails to perform when used as directed, within one year of the purchase date. Call 888-DAP-TIPS, with your sales receipt and product container available, to arrange for warranty fulfillment. DAP is not liable for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224

**Usage Information:** Call **888-DAP-TIPS** or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**