



# TECHNICAL DATA SHEET

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

## DAP® CONSTRUCTION ADHESIVE 4000 Subfloor

### PRODUCT DESCRIPTION

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



PACKAGING	COLOUR	UPC
305 mL (10.3 fl oz.) Cartridge	Light Tan	7079874881
828 mL (28 fl oz.) Cartridge	Light Tan	7079874882

### KEY FEATURES & BENEFITS

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

### PERFORMANCE CHARACTERISTICS

- Won't freeze
- Provides a strong permanent bond
- Prevents floor squeaks
- Improves structural performance of floor assemblies
- Meets ASTM D3498 & APA AFG-01 specifications for subfloor installation
- PFS certified



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## SUGGESTED USES

### 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 -18°C. Keep adhesive above 4.4°C for easier gunning.
- One surface must be porous.
- Store away from extreme heat or cold.

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 debris.
2. Precut and fit materials before applying adhesive.
3. Trim nozzle to desired bead size. 9.5 mm (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 Application 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 9.5 mm (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 3 mm (1/8") gap for expansion. Position and nail or screw within 30 minutes. Proper installation methods for subfloorings must be followed.

**DECKS:** Use 6 mm (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 Colour	Light tan
Weight % Solids	63%
Odour	Mild solvent
Clean Up	Mineral spirits
Flash Point	23.9°C
Shelf Life	18 months
Coverage	305 ml (10oz): 6 mm (1/4") bead yields 10 linear meters (32 linear ft), 9.5 mm (3/8") bead yields 4 linear meters (14 linear ft) 828 ml (28oz): 6 mm (1/4") bead yields 26 linear meters (86 linear ft), 9.5 mm (3/8") beach yields 11 linear meters (38 linear ft)
Typical Application Properties	
Application Temperature Range:	-18°C – 49°C
Tooling Time (Working Time)	15 minutes
Full Cure Time	7 days
Typical Cured Performance Properties	
Service Temperature Range:	-6°C – 60°C
Gap Bridging	Up to 1.50 mm (1/16")
VOC Content	< 420g/L



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## CLEAN UP & STORAGE

Uncured adhesive: use mineral spirits to clean up wet adhesive from surface and tools, following solvent manufacturers precautions. Do not use mineral spirits to clean skin. Cured adhesive must be cut or scraped away.

## 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.ca](http://dap.ca) or by calling **888-DAP-TIPS**.

## WARRANTY

DAP Canada, DAP Products Inc. and their respective affiliates will not accept liability for more than replacement product or sales price refund under any circumstances.

## COMPANY IDENTIFICATION

**Manufactured for:** DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON, M1X 1B7

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

**Order Information:** 800-668-9397 or 416-321-1522

**Fax Number:** 416-321-3325

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