



TECHNICAL DATA SHEET

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

DAP® Subfloor Construction Adhesive

PRODUCT DESCRIPTION

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



PACKAGING	COLOUR	SKU	UPC
305 mL (10.3 fl oz)	Light Tan	7079874981	070798749818

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 specification for subfloor installation



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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 -17°C. Keep adhesive above 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 all foreign material.
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.

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 3mm (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.



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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	
Base Polymer:	Synthetic rubber
Bead Colour	Light tan
Weight % Solids	74%
Odour	Mild solvent
Clean Up	Mineral spirits
Flash Point	-17°C (1.4°F)
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)
Typical Application Properties	
Application Temperature Range:	-17°C – 48°C (0°F – 120°F)
Open Time (Working Time)	15 minutes
Full Cure Time	7 days
Typical Cured Performance Properties	
Service Temperature Range:	-28°C – 60°C (-20°F – 140°F)
Gap Bridging	Up to 1.5mm (1/16")
VOC Content	< 50g/L
Calif. ARB VOC	<2.2 Wt/Wt%



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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 or any other solvent 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 or by calling **888-DAP-TIPS**.

WARRANTY

If product fails to perform when used as directed, call 888-DAP-TIPS for replacement product or sales price refund. DAP Canada will not be responsible for incidental or consequential damages.

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 & 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