



TECHNICAL DATA SHEET

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

DAP® Construction Adhesive Max Strength

PRODUCT DESCRIPTION

DAP® CONSTRUCTION ADHESIVE Max Strength is a premium hybrid adhesive that delivers a strong, durable, waterproof bond for heavier applications where bond strength is critical. This easy-to-gun, moisture-curing heavy-duty adhesive can be applied in extreme temperatures and adheres to wet surfaces for demanding exterior jobs. Offering high-performance versatility and tenacious adhesion, DAP® Max Strength construction adhesive bonds to porous & non-porous building materials including PVC, glass, marble, and metal for tackling the toughest jobs



PACKAGING	COLOUR	UPC
266 mL	Off White	7079874880
828 mL	Off White	7079877512

KEY FEATURES & BENEFITS

- Polyurethane Strength – For the Most Demanding Jobs
- Bonds Virtually Everything
- Superior Durability
- Bonds in Extreme Temperatures
- Easy to gun

PERFORMANCE CHARACTERISTICS

- Waterproof
- Adheres to wet surfaces
- VOC compliant
- Low odour
- 100% Solid Bond
- Easy to gun
- Meets ASTM D3498 specification for subfloor installation
- Meets ASTM C557 specification for drywall installation



TECHNICAL DATA SHEET

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

SUGGESTED USES

Adheres to:

- Aluminum
- Brick
- Ceramic Tiles
- Concrete
- Dimensional Lumber
- Drywall
- Foamboard
- Masonry
- Metal
- OSB
- Plywood
- Tub Surround
- Wood

Recommended for:

- Subfloor & Deck installation
- Structural paneling
- Mirror installation
- Countertop installation
- Tub surrounds
- Landscape block
- Drywall & Decorative paneling installations
- Bonding two non-porous materials
- General construction & Remodeling project

Not Recommended for:

- Polyethylene
- Polypropylene
- House wrap such as Tyvek®
- Other fluoropolymer-based substrates such as Teflon®

FOR BEST RESULTS

- Apply in temperatures above -17°C. Keep adhesive above 4°C for easier gunning.
- Use a high thrust ratio gun for easier application.

APPLICATION

1. Surfaces must be clean, structurally sound and free of all foreign material.
2. Pre-cut & fit materials before applying adhesive.
3. Unscrew nozzle and cut cartridge nub above thread.
4. Puncture inner foil seal
5. Thread nozzle back on and trim nozzle to desired bead size. 6 mm (1/4") is recommended for most applications; 9.5 mm (3/8") bead is recommended for subfloor applications.
6. Load cartridge into applicator gun.
7. Apply a continuous bead to desired surface.
8. Clamp, brace, nail, or screw surfaces together if necessary or required until adhesive has set.
9. Allow to cure for up to 4 hours before exposing to heavy handling.



TECHNICAL DATA SHEET

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

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Smooth paste
Base Polymer:	Hybrid polymer
Bead Colour	Off white
Weight % Solids	99.5%
Odour	Mild
Clean Up	Mineral spirits
Flash Point	100°C
Shelf Life	12 months
Coverage	266 ml (9oz): 6 mm (1/4") bead yields 8 linear meters (27 linear ft), 9.5 mm (3/8") bead yields 4 linear meters (12 linear ft)
Typical Application Properties	
Application Temperature Range:	-17 °C – 48 °C
Tooling Time (Working Time)	10 minutes
Full Cure Time	4 hours before exposing to heavy handling 7 days for full cure
Typical Cured Performance Properties	
Service Temperature Range:	-40°C – 93°C
Gap Bridging	Up to 3.2 mm (1/8")
VOC Content	< 15 g/L

CLEAN UP & STORAGE

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. Store container in temperatures below 26 °C and in a dry place.

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**.



TECHNICAL DATA SHEET

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

LIMITED WARRANTY

Limited 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