



# TECHNICAL DATA SHEET

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

## DAP® HD MAX Construction Adhesive

### PRODUCT DESCRIPTION

**DAP® HD MAX** Construction Adhesive 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, HD MAX construction adhesive bonds to porous & non-porous building materials including PVC, glass, marble, and metal for tackling the toughest jobs.



PACKAGING	COLOR	UPC
9 FL OZ (266 mL)	Off White	7079827511
28 FL OZ (828 mL)	Off White	7079827512

### KEY FEATURES & BENEFITS

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

### PERFORMANCE CHARACTERISTICS

- Waterproof
- Adheres to wet surfaces
- VOC compliant
- Low odor
- 100% Solid bond
- Easy to gun
- Meets/Exceeds ASTM D3498 specification for subfloor installation



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- Meets/Exceeds ASTM C557 specification for drywall installation

## 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 projects

### Not Recommended for:

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

## FOR BEST RESULTS

- Apply in temperatures above 0°F. Keep adhesive above 40°F 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 and fit materials before applying adhesive.
3. Unscrew nozzle and cartridge nub above thread.
4. For 9 FL OZ: Puncture inner foil seal.
5. Thread nozzle back on and trim nozzle to desired bead size. 3/8" bead is recommended for subfloor applications.



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6. Load cartridge into applicator gun.
7. Apply a continuous bead of adhesive to desired surfaces.
8. Clamp, brace, nail, or screw surfaces together if necessary or required until adhesive has set.
9. Allow to dry for up to 4 hours before exposing to heavy traffic.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency:	Smooth paste
Base Polymer:	Hybrid polymer
Bead Color	Off white
Weight % Solids	100%
Odor	Mild
Clean Up	Mineral spirits
Flash Point	212°F
Shelf Life:	12 months
Coverage	9 FL OZ: ¼" bead yields 27 linear ft, 3/8" bead yields 12 linear ft 28 FL OZ: ¼" bead yields 86 linear ft, 3/8" bead yields 38 linear ft
<b>Typical Application Properties</b>	
Application Temperature Range	0°F – 120°F
Tooling Time (Working Time)	10 minutes
Full Cure Time	7 Days
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-40°F – 200°F
Gap Bridging	Up to 1/8"
VOC Content	< 15g/L
Calif. ARB VOC	< 0.5% Wt/Wt

## 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.



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## 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)**

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