



# TECHNICAL DATA SHEET

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

## DAP® Heavy Duty Construction Adhesive

### PRODUCT DESCRIPTION

**DAP® HEAVY DUTY** Construction Adhesive is a high strength instant grab adhesive for heavy interior/exterior construction and remodeling projects. HEAVY DUTY construction adhesive delivers a high-strength instant grab to hold the toughest vertical projects in place instantly. Featuring a weather-resistant bond once fully cured, this adhesive provides a durable long-lasting bond and strong adhesion on a wide range of building materials.



PACKAGING	COLOR	UPC
10 FL OZ (295 mL)	Off White	7079827509
28 FL OZ (828 mL)	Off White	7079827510

### KEY FEATURES & BENEFITS

- **High-Strength Instant Grab** – Powerful instant grab reduces nailing, bracing & clamping for larger vertical applications
- **Strong Permanent Bond** – Powerful adhesion to tackle the toughest jobs
- **Multi-Material** – Provides a tenacious bond to a wide range of building materials

### PERFORMANCE CHARACTERISTICS

- Repositionable up to 10 minutes
- Easy water clean-up
- Low odor / VOC Compliant
- Easy to gun

### SUGGESTED USES

Adheres to:



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- Aluminum
- Brick
- Ceramic Tiles
- Concrete
- Dimensional Lumber
- Drywall
- Foamboard
- Masonry
- Metal
- OSB
- Plywood
- Wood
- Other Common Building Materials

## Recommended for:

- Subfloor & Deck installation
- Structural paneling
- Foam insulation panels
- Drywall & Decorative paneling installations
- General construction & Remodeling projects

## Not Recommended for:

- Constant water exposure
- Bonding two non-porous materials
- Mirror installation
- At/or below grade applications

## FOR BEST RESULTS

- Apply in temperatures above 40°F. Keep adhesive above 40°F for easier gunning.
- For square surfaces apply around perimeter and “X” shaped bead.
- For long surfaces, use “S” shaped bead.
- Press firmly into place.
- One surface must be porous.

## APPLICATION

1. Surfaces must be clean, structurally sound and free of all foreign material.
2. Precut & fit materials before applying adhesive.
3. For 28 FL OZ cartridge: Unscrew nozzle and cut cartridge nub above thread, and thread nozzle back on.
4. Trim nozzle to desired bead size. 1/4" bead is recommended for most applications.
5. Load cartridge into applicator gun.
6. Apply a continuous bead to desired surface.
7. Within 10 minutes, position and press substrates firmly into place.
8. Certain applications may require mechanical fasteners.
9. Allow to dry for 24 hours.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency:	Smooth paste
Base Polymer:	Synthetic latex
Bead Color	Off white
Weight % Solids	78%
Odor	Very mild
Clean Up	Soap & water
Flash Point	212°F
Shelf Life:	12 months
Coverage	10oz: ¼" bead yields 31 linear ft, 3/8" bead yields 14 linear ft 28oz: ¼" bead yields 86 linear ft, 3/8" bead yields 38 linear ft
<b>Typical Application Properties</b>	
Application Temperature Range	40°F – 100°F
Tooling Time (Working Time)	10 minutes
Full Cure Time	24 hours
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-30°F – 180°F
Gap Bridging	N/A
VOC Content	< 26g/L
Calif. ARB VOC	< 1.5% Wt/Wt

## CLEAN UP & STORAGE

Clean up excess wet adhesive with warm water and soap. Excess dried adhesive must be cut or scraped away. 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**.



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## 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)**