



TECHNICAL DATA SHEET

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

DAP® CONSTRUCTION ADHESIVE Heavy Duty MAX

PRODUCT DESCRIPTION

DAP® CONSTRUCTION ADHESIVE Heavy Duty Max is a premium hybrid adhesive that delivers up to 5 times faster bond strength, than competitive polyurethane based heavy duty adhesives, for heavier applications where bond strength and speed are critical. This easy to gun moisture curing adhesive can be applied in a wide range of temperatures for heavier interior or exterior jobs. Offering tenacious adhesion to porous & non-porous building materials where traditional adhesives struggle such as, wet surfaces, PVC, glass, marble, and metal, this is a versatile high-performance adhesive for tackling the toughest jobs.



| PACKAGING | COLOUR | UPC |
|-----------------------------|-----------|------------|
| 266 mL (9 fl oz.) Cartridge | Off White | 7079874880 |

KEY FEATURES & BENEFITS

- Easy to Gun – Easier to extrude and control than polyurethane adhesives
- All Materials+ – Adheres to all materials
- Up to 5X Faster Bond Strength* - Delivers a powerful bond quickly to complete jobs faster

*Develops strength up to 5x faster than polyurethane based heavy duty adhesives within 24 hours of application.

Not Recommended for: +House wraps such as Tyvek® and other fluoropolymer-based substrates such as Teflon®

Tyvek® is a registered trademark of E. I. DuPont de Nemours and Company.

Teflon® is a registered trademark of The Chemours Company FC.

PERFORMANCE CHARACTERISTICS

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



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SUGGESTED USES

Adheres to:

- Aluminium
- Brick
- Ceramic Tile
- Concrete
- Dimensional Lumber
- Drywall
- Masonry
- Metal
- OSB
- Plywood
- Wood
- Other Common Building Materials

Recommended for:

- Subfloor & Deck Installation
- Structural Panelling
- Drywall & Decorative Panelling Installation
- Mirror & Countertop Installation
- Tub Surrounds
- Landscape Block

FOR BEST RESULTS

- Apply in temperatures above -6°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 debris.
2. Precut & fit materials before applying adhesive.
3. Unscrew nozzle and cut tip of cartridge.
4. Thread nozzle back on and trim nozzle to desired bead size. 9.5 mm (3/8") bead is recommended for subfloor applications.
5. Puncture inner foil seal.
6. Load 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 dry for up to 4 hours before exposing to heavy traffic.



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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 | 93°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: | -6°C – 48°C |
| Tooling Time (Working Time) | 20 minutes |
| Full Cure Time | 7 days |
| | |
| Typical Cured Performance Properties | |
| Service Temperature Range: | -40°C – 93°C |
| Gap Bridging | Up to 1/16" |
| VOC Content | < 15g/L |

CLEAN UP & STORAGE

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



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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.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 & 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