



# TECHNICAL DATA SHEET

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

## DAP® DYNAFLEX® 800 Advanced All Weather Sealant

### PRODUCT DESCRIPTION

**DAP® DYNAFLEX® 800 ADVANCED ALL WEATHER SEALANT** provides a durable, 100% waterproof and weatherproof seal around windows, doors, siding and trim. Its strong adhesion properties also makes it ideal for use as a bedding sealant for window installation. DYNAFLEX 800 stays flexible to withstand extreme joint expansion and contraction caused by weather and temperature fluctuations. It won't shrink, crack, crumble or break down. DYNAFLEX 800 can be applied to wet surfaces and in extreme temperatures. It dries fast so it's rain ready in one hour. Latex paint ready in one hour, depending on temperature and humidity, saving time. It guns out easily, tools smoothly, low in odor and VOC compliant. Cured sealant is mold and mildew resistant. Meets ASTM C920, Class 25, and complies with AAMA 808.3-16 Type I, AAMA 803.3-16 Type I, and AAMA 802.3-16 Type II. Interior/exterior use.



PACKAGING	COLOR	UPC
10.1 fl oz (300 mL)	White	7079880800
10.1 fl oz (300 mL)	Gray	7079880840
10.1 fl oz (300 mL)	Black	7079880832
10.1 fl oz (300 mL)	Beige	7079880830
10.1 fl oz (300 mL)	Light Bronze	7079880838
10.1 fl oz (300 mL)	Bronze	7079880834
10.1 fl oz (300 mL)	Clay	7079880844
10.1 fl oz (300 mL)	Cedar	7079880842
10.1 fl oz (300 mL)	Green	7079880836



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## KEY FEATURES & BENEFITS

- Meets ASTM C920, Class 25, and complies with AAMA 808.3-16 Type I, AAMA 803.3-16 Type I, and AAMA 802.3-16 Type II
- Superior flexibility & adhesion
- 1 hour rain & paint ready, depending on temperature and humidity
- Wet/damp surface application
- Extreme temperature use: 0°F to 120°F
- 100% waterproof & weatherproof seal
- Shrink & crack proof
- Easy gunning, smooth tooling
- Low odor & VOC compliant
- Cured sealant is mold & mildew resistant
- Interior/exterior

## SUGGESTED USES

### USE FOR INTERIOR AND EXTERIOR WEATHERIZATION SEALING APPLICATIONS SUCH AS:

- |                                       |               |                            |
|---------------------------------------|---------------|----------------------------|
| • Windows                             | • Gutters     | • Corner joints            |
| • Doors                               | • Flashing    | • Above ground foundations |
| • Siding                              | • Pipes       |                            |
| • Exterior trim                       | • Vents       |                            |
| • Interior baseboards, molding & trim | • Ducts       |                            |
|                                       | • Butt joints |                            |

### ADHERES TO:

- |                               |              |                                  |
|-------------------------------|--------------|----------------------------------|
| • Wood – painted & unpainted. | • Concrete   | • Drywall                        |
| • Vinyl                       | • Mortar     | • Plaster                        |
| • Most plastics               | • Brick      | • Stucco                         |
| • Aluminum                    | • Stone      | • Most common building materials |
| • Fiber cement                | • Glass      |                                  |
|                               | • Fiberglass |                                  |

## FOR BEST RESULTS

- Application temperature range is between 0°F and 120°F.
- Joint width should not exceed 1/2". If joint depth exceeds 1/2", use foam backer rod.
- Recommended bead size: 1/4" to 3/8"
- Not recommended for underwater or below grade applications, structural glazing, high temperature surfaces, tuck pointing or surface defects.



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- Certain porous substrates, such as concrete, may require primer for best adhesion.
- Store below 80°F in dry place for optimal shelf life.

## APPLICATION

### Surface Preparation

Surface must be clean, dry, structurally sound and free of all foreign material.

### Product Application

1. Cut nozzle tip at a 45° angle to desired bead size.
2. Puncture inner foil seal.
3. Load cartridge into caulk gun.
4. Fill gap or crack with sealant.
5. If necessary, tool or smooth the bead of sealant before it skins over.
6. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits or any other solvent to clean hands or skin. Wash hands or skin with soap and water.
7. Paintable in 1 hour, depending on temperature and humidity, with latex and oil-based paints. Use an acrylic primer for oil-based paints.
8. Reseal cartridge for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Advanced hybrid polymer
Filler	Calcium carbonate
Volatile	Not applicable
Weight % Solids	>99%
Density (lbs per gallon)	12.8
Odor	Very mild
Flash Point	>212°F (>100°C)
Freeze Thaw Stability (ASTM C1183)	Will not freeze



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Shelf Life	12 months
Coverage	31 linear feet at 1/4" diameter bead, 14 linear feet at 3/8" diameter bead
<b>Typical Application Properties</b>	
Application Temperature Range	0°F to 120°F
Tooling Time (Working Time)	30 minutes
Tack Free Time	2 hours
Full Cure Time	24 hours
Return to Service Time	1 hour
Vertical Sag (ASTM D2202)	0.05"
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-65°F to 190°F for continuous use, 250° with excursions
Water Ready Time	1 hour
Paint Ready Time	1 hour, depending on temperature and humidity
Mildew Resistance	Cured sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C719)	+/-25%

## CLEAN UP & STORAGE

Remove excess uncured sealant from surfaces and tools with mineral spirits. Excess cured sealant must be cut or scraped away. Do not use mineral spirits or any other solvents to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 80°F and in a dry place.

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request a SDS by visiting our website at [dap.com](http://dap.com) or calling 888-DAP-TIPS.

## WARRANTY

**LIMITED WARRANTY:** If product fails to perform when used as directed within one year of date of purchase, call 888-DAP-TIPS with your sales receipt and product container available for replacement product or sales price refund. DAP Global Inc. will not be responsible for incidental or consequential damages.



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## COMPANY IDENTIFICATION

**Manufactured for:** 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)**