



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 and paint ready in one hour, 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 802.2-16 Type II. Interior/exterior use.



PACKAGING	COLOR	UPC
10.1 fl oz (300 mL)	White	7079880800

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 802.2-16 Type II
- Superior flexibility & adhesion
- 1 hour rain & paint ready
- Wet/damp surface application
- Extreme temperature use: 0°F to 120°F
- 100% waterproof & weatherproof
- Shrink & crack proof
- Easy gunning, smooth tooling



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- 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 |
| • Most metals | • Glass | |
| • Fiber cement | • Ceramic | |
| | • 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.
- Certain porous substrates, such as concrete, may require primer for best adhesion.
- Store below 80°F in dry place for optimal shelf life.



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APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other 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 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
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	12 months
Coverage	31 linear feet at 1/4" diameter bead, 14 linear feet at 3/8" diameter bead
Typical Application Properties	
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



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Vertical Sag (ASTM D2202)	0.05"
Typical Cured Performance Properties	
Service Temperature Range	-65°F to 190°F for continuous use, 250° with excursions
Water Ready Time	1 hour
Paint Ready Time	1 hour
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 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 or calling 888-DAP-TIPS.

WARRANTY

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 Products Inc. will not be responsible for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufacturer: DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com