TECHNICAL DATA SHEET

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

DAP® DYNAFLEX® 800
Advanced Hybrid Professional Sealant

PRODUCT DESCRIPTION

DAP® Dynaflex® 800 Hybrid Professional Sealant provides a durable, 100% weatherproof and waterproof seal around windows, doors, siding, trim and building materials with strong adhesion to multiple surfaces. It can be applied on wet and damp surfaces, is immediate water ready and has a fast one hour paint ready time.

This advanced hybrid technology meets ASTM C920 Class 25 staying flexible to withstand extreme joint expansion and contraction caused by weather and temperature fluctuations. It complies with AAMA 808.3-16 Type I, AAMA 803.3-16 Type I, and AAMA 802.2-16 Type II., specs and will not shrink, crack, crumble or break down.

DAP Dynaflex 800 guns out easily, tools smoothly, is low in odor and VOC compliant. Cured sealant is mold and mildew resistant. Interior/Exterior use.

PACKAGING	COLOR	UPC
20.3 fl oz (600 mL)	white	70798 80802

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
- Immediate water ready
- 1 hour paint ready
- Wet/damp surface application
- Extreme temperature use: 0ºF to 120ºF
- 100% waterproof & weatherproof seal
- Shrink & crack proof
- Easy gunning, smooth tooling
- Low odor & VOC compliant
- Cured sealant is mold & mildew resistant
- Exterior/interior

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SUGGESTED USES

USE FOR CAULKING AND SEALING:

- Windows
- Doors
- Siding
- Exterior Trim
- Back Caulking Panels
- Interior baseboards, molding & trim
- Gutters
- Flashing
- Pipes
- Vents
- Ducts
- Butt Joints
- Corner Joints
- Above ground foundation

ADHERES TO:

- Wood – painted & unpainted
- Vinyl
- Most plastics
- Aluminum
- Most metals
- Fiber cement
- Concrete
- Mortar
- Brick
- Stone
- Glass
- Fiberglass
- Acrylic
- Drywall
- Plaster
- Stucco
- Most common building materia

FOR BEST RESULTS

- Application temperature range is between 0ºF and 120ºF.
- Joint width should not exceed ½". If joint depth exceeds ½", use foam backer rod.
- Recommended bead size: ¼" to 3/8"
- Not recommended for continuous 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

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

Product Application

1. Insert sausage pack into sleeve.
2. Cut a slit below the clip to allow product to flow. Remove clip to prevent blockage of product flow.
3. Cap sleeve with nozzle. Cut nozzle tip at 45° angle to allow for a minimum of ¼" bead.
4. Joint width should not exceed ½". If joint depth exceeds ½", use foam backer rod. Fill gap with sealant. Using steady pressure, apply consistent pressure for optimal joint protection.
5. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
6. Allow sealant to cure for at least 1 hour before painting. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours.
7. 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 skin. Wash hands or skin with soap and water.
8. Paintable in 1 hour, depending upon temperature and humidity. Use only high-quality acrylic latex coatings. 1 hour performance achievable with 3/16" maximum diameter bead, temperature at 73°F minimum & 50% relative humidity.
9. Reseal cartridge for storage and reuse. Store below 80°F in dry place for optimal shelf life.

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	>97%
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	1/4" bead 62 linear feet; 3/8" bead 27 linear feet
Typical Application Properties	
Application Temperature Range	0ºF to 120ºF

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Skin Time	45 minutes
Full Cure	24 hours
Return to Service Time	1 hour
Vertical Sag (ASTM D2202)	0.05”
Typical Cured Performance Properties	
Service Temperature Range	-65ºF to 190°F for continuous use, 250º with excursions
Water Ready Time	Immediate
Paint Ready Time	1 hour
Mildew Resistance	Cured sealant is mold & mildew resistant
Dynamic Joint Movement (ASTM C920)	+/-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 solvent to clean skin. Wash hands or skin with soap and water. Reseal cartridge for storage and reuse. Store product below 80ºF and away from moisture.

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 Global 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