TECHNICAL DATA SHEET

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

DAP® DYNAFLEX® ULTIMATE
Premium All Weather Exterior Sealant for Windows, Doors, Siding & Trim

PRODUCT DESCRIPTION

DAP® DYNAFLEX® ULTIMATE Premium All-Weather Sealant for Window, Door, Siding & Trim applications is built for the toughest exterior jobs. The unique Triple Action Advantage delivers smooth gunning and tooling in temperatures from 20°F to 120°F, strong adhesion to wet surfaces, and a permanently flexible, crackproof seal that won't break down over time. Formulated for long-term durability, the sealant meets ASTM C920 Class 50 flexibility and offers a lifetime mold, mildew, and algae resistance guarantee. DAP® DYNAFLEX® ULTIMATE has excellent adhesion to most common building materials and is rain ready and paintable with most latex and oil-based paints in just 30 minutes. It is low in odor and easy to clean up with water. Ideal for exterior and interior use, it's perfect for windows, doors, siding and trim applications.

PACKAGING	COLOR	UPC
10.1 fl oz (300 mL) Cartridge	White	070798162006

KEY FEATURES & BENEFITS

- Easy to gun with smooth tooling in temperatures ranging from 20°F to 120°F
- Adheres to wet & damp surfaces
- Meets ASTM C920, Type S, Grade NS, Class 50
- 100% crackproof & waterproof seal

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- Lifetime mold, mildew & algae resistance guarantee
- 30-minute rain & paint ready with most latex and oil-based paints
- Permanently flexible
- Strong adhesion to wide variety of common building materials
- Easy water clean-up & low odor
- VOC compliant
- Exterior/interior use

SUGGESTED USES

USE FOR SEALING:

- Windows
- Doors
- Siding
- Trim
- Fascia
- Flashing
- Pipes
- Vents
- Ducts
- Corner joints

ADHERES TO:

- Wood – painted & unpainted
- Most metals
- Vinyl
- PVC
- Most plastics
- Fiber cement
- Composite
- Brick
- Mortar
- Concrete
- Stone
- Stucco
- Fiberglass
- Glass
- Most common building materials

FOR BEST RESULTS

- Apply in temperatures between 20ºF to 120°F.
- In temperatures below freezing, make sure surface is free of ice and frost.
- Cooler temperatures and higher humidity will slow down dry time.
- Not for continuous underwater use, high temperature surfaces or surface defects.
- Priming not usually necessary. Priming only required if testing indicates a need or where sealant will be constantly subjected to high levels of moisture after fully dried
- Joint size should not exceed 2" wide by 1/2" deep. For joints deeper than 1/2", use foam backer rod material.
- Store product away from extreme heat or cold.

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APPLICATION

Surface Preparation

1. Surface must be clean, dry, structurally sound and free of all foreign material.
2. Priming is not usually necessary; however, some circumstances or substrates may require a primer. Priming is only required if testing indicates a need or where the sealant will be subjected to constantly high levels of moisture after fully dried. It is the user's responsibility to test substrate compatibility and the adhesion of the fully dried sealant on test joint before applying to the entire project.

Product Application

1. Apply in temperatures between 20ºF to 120°F. Cooler temperatures and higher humidity will slow down dry time.
2. Cut nozzle at 45° angle to desired bead size.
3. Load cartridge into caulk gun.
4. Fill gap with sealant. Apply 3/16" to 1/2" bead size for optimal joint protection.
5. Tool or smooth bead within 10 minutes of application with a finishing tool, before sealant skins over.
6. Paintable in 30 minutes (depending on joint depth, temperature and humidity) with most latex or oil-based paints. Use a latex primer for oil-based paints.
7. Clean up excess wet caulk with a damp sponge before it skins over. Excess dried caulk must be cut or scraped away. Clean skin and tools with warm water and soap.
8. Reseal cartridge & store in a cool, dry place away from extreme heat or cold.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Proprietary synthetic latex
Filler	Calcium carbonate
Volatile	Water
Weight % Solids	75%
Density (lbs per gallon)	11
Odor	Very mild
Clean Up	Water
Flash Point	>212°F (>100ºC)
Freeze Thaw Stability (ASTM C1183)	Passes 5 cycles
Shelf Life	12 months (unopened/cool & dry conditions)
Coverage	Up to 55 linear feet at 3/16" diameter bead

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Typical Application Properties	
Application Temperature Range	20ºF to 120°F
Skin Time (Tooling Time)	10-15 minutes
Tack Free Time	24 hours (ASTM C679)
Return to Service Time	30 minutes
Full Dry Through	24 hours
Vertical Sag (ASTM D2202)	0.15”
Typical Cured Performance Properties	
Service Temperature Range	-30ºF to 160°F
Water Ready Time	30 minutes
Paint Ready Time	30 minutes with most latex and oil-based paints
Mildew Resistance	Lifetime mold, mildew and algae resistance guarantee
Dynamic Joint Movement (ASTM C719)	+/-50%

CLEAN UP & STORAGE

Clean up excess wet sealant with a damp sponge before it skins over. Excess dried sealant must be cut or scraped away. Clean skin 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 a SDS by visiting our website at dap.com or calling 888-DAP-TIPS.

WARRANTY

LIMITED LIFETIME WARRANTY: Warranty terms available at dap.com/warranty. For a free written copy, call 888-DAP-TIPS.

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COMPANY IDENTIFICATION

Manufacturer: DAP Global Inc., 2400 Boston Street, Suite 200, 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