TECHNICAL DATA SHEET

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

DAP® DYNAFLEX ULTRA™ Advanced Exterior Sealant for Windows, Doors, Siding & Trim

PRODUCT DESCRIPTION

DAP® DYNAFLEX ULTRA™ Advanced Sealant for Window, Door, Siding & Trim applications is formulated with innovative Weather Max Technology™ to resist UV fading, chalking, crumbling, cracking and dirt build up. It also has a lifetime mold, mildew and algae resistance guarantee, so the sealant stays looking clean and new. DYNAFLEX ULTRA™ has strong adhesion to common building materials and stays permanently flexible for a long-lasting, weatherproof seal that provides All Weather Protection and stands up to the elements. It is rain ready and paintable in only one hour for better productivity. Does not bubble. The sealant guns out effortlessly and tools smoothly for easy application. Low in odor and easy water clean-up. Meets ASTM C920, Class 35 and complies with AAMA 802.3 Type 1, AAMA 803.3 Type 1 and AAMA 808.3 Type 1. VOC compliant. Exterior/interior use.

PACKAGING	COLOR	UPC
10.1 fl oz (300 mL) Cartridge	White	7079818211
10.1 fl oz (300 mL) Cartridge	Beige	7079818213
10.1 fl oz (300 mL) Cartridge	Clay	7079818214
10.1 fl oz (300 mL) Cartridge	Brown	7079818217
10.1 fl oz (300 mL) Cartridge	Cedar Tan	7079818221
10.1 fl oz (300 mL) Cartridge	Light Gray	7079818219
10.1 fl oz (300 mL) Cartridge	Iron Gray	7079818215
10.1 fl oz (300 mL) Cartridge	Dark Bronze	7079818216
10.1 fl oz (300 mL) Cartridge	Black	7079818220

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KEY FEATURES & BENEFITS

- Formulated with innovative Weather Max Technology for All Weather Protection
- Resists UV fading, yellowing & dirt pick-up
- Won't crack, crumble, chalk, bubble or break down
- Lifetime mold, mildew & algae resistance guarantee
- Sealant stays looking clean & new
- 1 hour rain & paint ready
- 100% waterproof & weatherproof seal
- Permanently flexible
- Strong adhesion to wide variety of common building materials
- Easy water clean-up & low odor
- VOC compliant
- Meets ASTM C920, Class 35 and AAMA 802.3 Type 1, AAMA 803.3 Type 1 and AAMA 808.3 Type 1
- Exterior/interior use

SUGGESTED USES

USE FOR SEALING:

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

ADHERES TO:

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

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FOR BEST RESULTS

- Apply in temperatures above 40°F.
- Do not apply when freezing temperatures are forecasted within 24 hours. 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 cure.
- Joint size should not exceed 1" wide by 1/2" deep. For joints deeper than 1/2", use foam backer rod material.
- Store product away from extreme heat or cold.

APPLICATION

Surface Preparation

1. Surface must be clean, dry, structurally sound and free of all old caulk, dirt and other 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 cure. It is the user's responsibility to test substrate compatibility and the adhesion of the cured sealant on test joint before applying to the entire project.

Product Application

1. Apply in temperatures above 40°F. Do not apply when freezing temperatures are forecasted within 24 hours. 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. Using steady pressure, apply consistent 3/8" 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 one hour (depending on joint depth, temperature and humidity) with most latex or oil-based paints. Use a latex primer for oil-based paints.
7. Sealant reaches full performance in 72 hours.
8. Clean up excess wet sealant with a damp sponge before it skins over. Scrape or cut away excess dried sealant. Clean hands and tools with warm water and soap.
9. Reseal cartridge for storage and reuse.

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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	74%
Density (lbs per gallon)	11
Odor	Very mild
Clean Up	Water
Flash Point	>212°F
Freeze Thaw Stability (ASTM C1183)	Passes 5 cycles
Shelf Life	12 months
Coverage	55 linear feet at 3/16” diameter bead
Typical Application Properties	
Application Temperature Range	40ºF to 100°F
Tooling Time (Working Time)	10-15 minutes
Tack Free Time	30 minutes
Full Dry Through	24 hours
Return to Service Time	1 hour
Vertical Sag (ASTM D2202)	0.05”
Typical Cured Performance Properties	
Service Temperature Range	-30ºF to 160°F
Water Ready Time	1 hour
Paint Ready Time	1 hour
Mildew Resistance	Lifetime Mold, Mildew & Algae Resistance Guarantee
Dynamic Joint Movement (ASTM C719)	+/-35%

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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 hands 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

LIFETIME GUARANTEE: DAP warrants this product for sealant purposes during the lifetime of your home, when used as directed, within one year of purchase. Call (888) DAP TIPS, with your sales receipt and product container available for replacement product or sales price refund. DAP is not liable 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