



TECHNICAL DATA SHEET

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

DAP® DYNAFLEX ULTRA™ Advanced Exterior Window, Door, Siding & Trim Sealant – White & Colours

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 mould, 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 odour and easy water cleanup. 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	Colour	SKU
Cartridge 300 mL	WHITE	7079874150
Cartridge 300 mL	BEIGE	7079874152
Cartridge 300 mL	BLACK	7079874158
Cartridge 300 mL	BROWN	7079874156
Cartridge 300 mL	CEDAR TAN	7079874159
Cartridge 300 mL	LIGHT GREY	7079874157

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 mould, 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 odour
- VOC compliant
- Meets ASTM C920, Class 35 and AAMA 802.3 Type 1, AAMA 803.3 Type 1 and AAMA 808.3 Type 1



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- 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

FOR BEST RESULTS

- Apply in temperatures above 5°C
- Not for continuous underwater use, high temperature surfaces or surface defects.
- Not recommended for house wraps such as Tyvek® and other fluoropolymer-based substrates such as Teflon®, HDPE and similar plastics.
- Joint size should not exceed 1.25 cm (1/2") wide by 1.25 cm (1/2") deep. For joints deeper than 1.25 cm (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



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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 oilbased 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

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Smooth and creamy, non-slumping paste
Base Polymer	Advanced acrylic polymer
Filler	Not applicable
Volatile	Water
Weight % Solids	74.6 %
Density (lbs per gallon)	10.9
Odour	Very mild
Clean Up	Water
Flash Point	>100°C
Freeze Thaw Stability (ASTM C1183)	Passes 5 cycles
Shelf Life	12 months
Coverage	1 cm bead 18.59 m (62 linear ft.)
Typical Application Properties	
Application Temperature Range	5°C to 37°C
Tooling Time (Working Time)	10 minutes
Tack Free Time	60 minutes
Full Dry Through	7-14 days depending on joint width and depth, temperature, humidity & substrate



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Vertical Sag (ASTM D2202)	< .15 inches
Typical Cured Performance Properties	
Service Temperature Range	-34°C to 71°C
Rain Ready Time	1 hour
Paint Ready Time	1 hour w/ latex or oil-based paints. Use latex-based primer for oil-based paints.
Mildew Resistance	Cured caulk is mould & mildew resistant
Dynamic Joint Movement	+/- 35%

CLEAN UP & STORAGE

Clean up excess wet caulk with a damp sponge before it skins over. Excess dried caulk 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 or Safety Data Sheet (SDS) for health and safety information. You can request an SDS sheet by visiting our website at dap.ca or calling 888-DAP-TIPS.

WARRANTY

DAP Canada, DAP Products Inc. and their respective affiliates will not accept liability for more than replacement product or sales price refund under any circumstances

COMPANY IDENTIFICATION

Manufactured for: DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON, M1X 1B7

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

Order Information: 800-668-9397 or 416-321-1522

Fax Number: 416-321-3325

Also visit the DAP website at dap.ca