



TECHNICAL DATA SHEET

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

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

PRODUCT DESCRIPTION

DAP® DYNAFLEX ULTRA™ Advanced Sealant for Window, Door, Siding & Trim applications is formulated with innovative WeatherMax™ Technology to resist UV fading, yellowing, chalking, crumbling, cracking and dirt build up. It also has a lifetime mould, mildew and algae resistance warranty, so the sealant stays looking clean and new. **DYNAFLEX ULTRA™** has strong adhesion to common building materials and stays 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 clean-up. Exterior/interior use. Meets ASTM C920, Type S, NS, Class 25.



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 WeatherMax™ Technology for all weather protection
- Resists UV fading & dirt pick-up
- Won't crack, yellow, crumble, chalk or fade
- Lifetime mould, mildew & algae warranty
- Sealant stays looking clean & new
- 1 hour rain & paint ready
- Waterproof & weatherproof
- Permanently flexible
- Strong adhesion to wide variety of common building materials
- Easy water clean-up & low odour
- Meets ASTM C920, Type S, NS, Class 25
- Exterior/interior use



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SUGGESTED USES

USE FOR CAULKING & SEALING:

- Windows
- Doors
- Siding
- Trim
- Pipes
- Vents
- Facia
- Flashing

ADHERES TO:

- Fibre Cement
- Vinyl
- Aluminium
- Metal
- Glass
- Composite & PVC trim board
- Wood – Painted & Unpainted Stucco
- Cedar
- Concrete
- Masonry
- Brick
- Stone
- Fiberglass
- Most plastics

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.
- **SEALANT APPLIES WHITE & DRIES CLEAR IN 7-14 DAYS**

APPLICATION

Surface Preparation & Product Application

1. Surface must be clean, dry, structurally sound and free of all foreign materials.
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. Please contact DAP Technical Customer Service at 1-888-327-8477 for additional information.



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3. Cut nozzle at 45° angle to desired bead size. Puncture inner foil seal.
4. Load cartridge into caulk gun.
5. Fill gap with sealant. Using steady pressure, apply consistent 1 cm (3/8") bead size for optimal joint protection.
6. SEALANT APPLIES WHITE & DRIES CLEAR IN 7-14 DAYS.
7. Tool or smooth bead within 10 minutes of application with a gloved finger or smoothing tool. If masking tape is used along the sides of the joint, remove the tape immediately after tooling by pulling the tape away in a clean, smooth even line.
8. 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.
9. Sealant reaches full performance in 72 hours.
10. Clean up excess sealant with a damp cloth or sponge before it skins over, approximately 10-15 minutes. Scrape or cut away excess dried sealant.
11. Reseal cartridge for future use and store in cool, dry place.

DAP recommends that you test all sealant applications under simulated or actual end use conditions to ensure the product meets or exceeds all required project specifications. Since assembly conditions may be critical to the product's performance, it is also recommended that testing be performed on specimens assembled under simulated or actual production conditions.

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	62%
Density (lbs per gallon)	9.5
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)	60 minutes
Tack Free Time	60 minutes



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Full Dry Through	7-14 days depending on joint width and depth, temperature, humidity & substrate
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	+/-25%

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

LIFETIME GUARANTEE: DAP Canada, DAP Products Inc. and their respective affiliates warrants this product for sealant purposes during the lifetime of your home, when used as directed, within one year of purchase. If not satisfied, return used container & sales receipt to DAP Canada for product replacement or sales price refund. DAP is not liable for incidental or consequential damages.

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