



# TECHNICAL DATA SHEET

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

## DAP® AMP™ Advanced Modified Polymer All Weather Window, Door, Siding & Trim Sealant

### PRODUCT DESCRIPTION

DAP® AMP™ Advanced Modified Polymer All Weather Window, Door and Siding Sealant provides a 100% weatherproof and waterproof seal with the ability to be applied on wet and damp surfaces. It has a fast 30-minute paint and rain ready time and meets ASTM C920, Class 25. Exterior/Interior use.

This premium hybrid technology offers maximum flexibility and superior adhesion for a durable seal that won't crack or shrink and can withstand the expansion and contraction caused by temperature and weather fluctuations. It can be applied in extreme temperatures – from -17-60°C and is mould and mildew resistant once cured.

DAP AMP™ All Weather Window, Door, Siding and Trim sealant is easy to use, low in odour, VOC compliant and formulated for superior UV resistance. Backed by a lifetime guarantee.



PACKAGING	COLOR	UPC
266 mL (9.0 fl oz)	Crystal Clear	7079874341

### KEY FEATURES & BENEFITS

- 100% weatherproof & watertight seal
- Proven wet & damp surface application
- Extreme temperature use: -17-60°C
- 30-minute water & paint ready
- Meets ASTM C920, Class 25
- Shrink & crack proof



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- Strong, multi-surface adhesion, especially to non-porous substrates
- Easy gunning, smooth tooling
- Low odour & VOC compliant
- Interior/exterior use
- Lifetime Guarantee

## SUGGESTED USES

### USE FOR CAULKING AND SEALING:

- Windows
- Doors
- Siding
- Exterior Trim
- Baseboards
- Moulding
- Gutters
- Flashing
- Pipes
- Vents
- Ducts
- Butt joints
- Corner joints
- Above ground foundations

### ADHERES TO:

- Wood – painted & unpainted
- Vinyl
- Most plastics
- Aluminum
- Most metals
- Fiber cement
- Concrete
- Natural Stone
- Brick
- Glass
- Ceramic
- Fiberglass
- Drywall
- Plaster
- Stucco
- Most common building materials

## FOR BEST RESULTS

- Application temperature range is between -17-60°C.
- Joint width should not exceed 1.27 cm (1/2"). If joint depth exceeds 1.27 cm (1/2"), use foam backer rod.
- Not recommended for continuous underwater use, high temperature surfaces or for surface defects.
- Certain porous substrates, such as concrete, may require primer for best adhesion.
- \*Stays optically clear when compared to traditional clears but may discolor under certain conditions.

## APPLICATION

### Surface Preparation

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



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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. Cut nozzle at a 45° angle to desired bead size.
2. Puncture inner foil seal.
3. Load cartridge into caulk gun.
4. Fill gap with sealant. Using steady pressure, apply consistent 0.5 cm (3/16") bead size 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 30 minutes before exposing to water or paint. 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 hands or skin. Wash hands or skin with soap and water.
8. Paintable in 30 minutes. Use only high-quality acrylic latex coatings. 30-minute performance achievable with 0.95 cm (3/8") maximum diameter bead, temperature at 23°C minimum & 50% relative humidity.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Advanced hybrid polymer
Filler	None
Volatile	Not applicable
Weight % Solids	>98%
Specific Gravity	1.03
Odour	Very mild
Flash Point	>100 °C
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	12 months
Coverage	13.5 meters at 5 mm diameter bead (49 linear feet at 3/16" diameter bead)
Typical Application Properties	
Application Temperature Range	-17-60°C
Tooling Time (Working Time)	20 minutes
Tack Free Time	2 hours
Full Cure	24 hours



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Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	4 mm
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-53°C to 88°C for continuous use, 120° with excursions
Water Ready Time	30 minutes
Paint Ready Time	30 minutes
Mildew Resistance	Cured sealant is mould & 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 hands or skin. Wash hands or skin with soap and water. Reseal cartridge for storage and reuse. Store product below 27°C 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.ca](http://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](http://dap.ca) & click on "Ask the Expert"

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