



TECHNICAL DATA SHEET

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

DAP® AMP™ Advanced Modified Polymer Self-Leveling Concrete and Masonry Sealant

PRODUCT DESCRIPTION

AMPLify your project with DAP® AMP™ Advanced Modified Polymer Self-Leveling Concrete and Masonry Sealant that provides a 100% weatherproof and waterproof seal with the ability to be applied on wet and damp surfaces. It has a fast 1-hour paint and rain ready time and meets ASTM C920, Class 25. Interior/exterior 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 -7°C to 49°C and is mould and mildew resistant once cured.

DAP AMP™ Advanced Modified Polymer Self-Leveling Concrete and Masonry 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)	Grey	7079874344

KEY FEATURES & BENEFITS

- Self-leveling, no tooling required
- 100% weatherproof and waterproof seal
- Proven wet surface application
- Superior flexibility to withstand expansion & contraction. Meets ASTM C920, Class 25
- Extreme temperature use: -7°C to 49°C
- 1 Hour water & paint ready
- For horizontal surface use only



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- Withstands foot and vehicle traffic after full cure
- Shrink & crack proof
- Strong, multi-surface adhesion
- Easy gunning
- Low odour & VOC compliant
- Interior/exterior use
- Lifetime Guarantee

SUGGESTED USES

USE FOR FILLING AND SEALING HORIZONTAL GAPS & CRACKS IN:

- Concrete driveways
- Steps
- Patios
- Sidewalks
- Garages
- Above ground foundations
- Other concrete surfaces

ADHERES TO:

- Concrete
- Mortar
- Stone
- Brick
- Wood
- Stucco
- Most common building materials

FOR BEST RESULTS

- USE ON HORIZONTAL SURFACES ONLY
- Application temperature range is between -7°C to 49°C.
- Joint width should not exceed 1.27cm (1/2"). If joint depth exceeds 1.27cm (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.

APPLICATION

Surface Preparation

1. Surface must be clean, 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 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.



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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 1 hour 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 to clean hands or skin. Wash hands or skin with soap and water.
8. Paintable in 1 hour. Use only high-quality acrylic latex coatings. 1 hour performance is achievable with 0.5 cm (3/16") maximum diameter bead, temperature at 23°C minimum & 50% relative humidity.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Smooth & pourable
Base Polymer	Advanced hybrid polymer
Filler	Calcium Carbonate
Volatile	Not applicable
Weight % Solids	>99%
Specific Gravity	1.5
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	-7°C to 49°C.
Tooling Time (Working Time)	30 minutes
Tack Free Time	2 hours
Full Cure	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	Not applicable
Typical Cured Performance Properties	



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Service Temperature Range	-53°C to 88°C for continuous use, 121° C with excursions
Water Ready Time	1 Hour
Paint Ready Time	1 Hour
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 to clean hands or skin. Wash hands or skin with soap and water. Store container in temperatures below 27°C and in a dry place.

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.com 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