



TECHNICAL DATA SHEET

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

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

PRODUCT DESCRIPTION

DAP's® AMP™ Advanced Modified Polymer Self-Leveling Concrete and Masonry Sealant 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 0°F to 140°F and is mold and mildew resistant once cured.

DAP AMP Advanced Modified Polymer Self-Leveling Concrete and Masonry Sealant is easy to use, low in odor, VOC compliant and formulated for superior UV resistance. Backed by a lifetime guarantee.



| PACKAGING | COLOR | UPC |
|--------------------|-------|------------|
| 9.0 fl oz (266 mL) | Gray | 7079800764 |

KEY FEATURES & BENEFITS

- Self-leveling, no tooling required
- 100% weatherproof and waterproof seal
- Wet & damp surface application
- Superior flexibility to withstand expansion & contraction. Meets ASTM C920, Class 25
- Extreme temperature use: 0°F to 140°F
- 1 Hour water & paint ready
- For horizontal surface use only
- Withstands foot and vehicle traffic after full cure
- Shrink & crack proof
- Strong, multi-surface adhesion
- Easy gunning
- Low odor & VOC compliant



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- 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 surface

ADHERES TO:

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

FOR BEST RESULTS

- Application temperature range is between 0°F and 140°F.
- Joint width should not exceed 1/2". If joint depth exceeds 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.
- Store below 80°F in dry place for optimal shelf life.

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.

PRODUCT APPLICATION:

1. Cut nozzle at a 45° angle to desired bead size.
2. Puncture inner foil seal and load cartridge into caulk gun.
3. Fill gap with sealant. Using steady pressure, apply consistent 3/16" bead size for optimal joint protection.
4. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
5. 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.



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6. 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.
7. Paintable in 1 hour. Use only high-quality acrylic latex coatings. 1 hour performance is achievable with 3/16" maximum diameter bead, temperature at 73°F minimum & 50% relative humidity.
8. Reseal cartridge for storage and reuse. Store below 80°F in dry place for optimal shelf life.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| Typical Uncured Physical Properties | |
|--------------------------------------|---|
| Appearance/Consistency | Smooth and pourable |
| Base Polymer | Advanced Hybrid Polymer |
| Filler | Calcium Carbonate |
| Volatile | Not applicable |
| Weight % Solids | >99% |
| Density (lbs per gallon) | 12.8 |
| Odor | Very mild |
| Flash Point | 100°C |
| Freeze Thaw Stability (ASTM C1183) | Will not freeze |
| Shelf Life | 12 months |
| Coverage | 49 linear feet at 3/16" diameter bead |
| Typical Application Properties | |
| Application Temperature Range | 0°F to 140°F |
| 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 | |
| Service Temperature Range | -65°F to 190°F for continuous use, 250° with excursions |
| Water Ready Time | 1 Hour |
| Paint Ready Time | 1 Hour |
| Mildew Resistance | Cured sealant is mold & mildew resistant |
| Dynamic Joint Movement (ASTM C920) | +/-25% |



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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 80°F 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

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 Global 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