



# TECHNICAL DATA SHEET

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

## DAP® Concrete & Mortar Siliconized Filler & Sealant

### PRODUCT DESCRIPTION

**DAP® CONCRETE & MORTAR FILLER & SEALANT** is a ready-to-use, waterproof sealant formulated to repair cracks and holes in concrete, mortar and masonry surfaces. It contains silicone additives for improved adhesion, flexibility and water resistance. It forms a durable, 100% waterproof and weatherproof seal. Resists gas, oil, grease and salt. Paintable. Easy to apply, low in odor and water clean-up. VOC compliant. Interior/exterior use.



PACKAGING	COLOR	UPC
10.1 fl oz (300 mL) Cartridge	Gray	7079818021

### KEY FEATURES & BENEFITS

- Fills and seals cracks and holes in concrete surfaces
- Ready to use – needs no mixing or additives
- Provides a durable, long-lasting repair that is resistant to gasoline, salt, grease or oil when cured
- 100% waterproof & weatherproof seal
- Excellent flexibility & adhesion
- Paintable
- Easy water clean-up
- Low odor
- VOC compliant
- Exterior/interior use



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## SUGGESTED USES

### FILLING & SEALING CRACKS & GAPS IN:

- Concrete surfaces
- Patios
- Steps
- Above ground foundations
- Concrete driveways
- Sidewalks
- Garage floors
- Pavements

### ADHERES TO:

- Concrete
- Mortar
- Brick
- Stone
- Masonry
- Cinderblock
- Stucco
- Wood – painted & unpainted
- Most metals
- Most building materials

## FOR BEST RESULTS

- Apply in temperatures above 40°F.
- Do not apply when rain or freezing temperatures are forecasted within 24 hours. Cooler temperatures and higher humidity will slow down dry time.
- Not for continuous underwater use, filling butt joints, surface defects, tuck-pointing or expansion joints.
- Joint size should not exceed 1/2" wide x 1/2" deep. If joint depth exceeds 1/2", use backer rod material.
- Allow sealant to cure 24 hours before direct exposure to water (longer in cooler and/or humid conditions).
- Serviceable for pedestrian and vehicular traffic after 24 hours (minimum).
- Store sealant away from extreme heat or cold.

## APPLICATION

### **Surface Preparation**

Surface must be clean, dry, structurally sound and free of all old caulk, dirt, grease, damaged concrete & foreign material.

### **Product Application**

1. Apply in temperatures above 40°F. Do not apply when rain or 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 cracks and gaps with sealant.



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5. After application, a more uniform fill or neater appearance may be obtained by tooling lightly with a trowel or putty knife.
6. Allow to cure 24 hours before direct exposure to water (longer in cooler and/or humid conditions).
7. Paintable after 2 hours (longer in cool or humid conditions) with latex or oil-based paints.
8. Clean up excess wet sealant with a damp sponge before it skins over. Excess dried sealant will need to be cut or scraped away.
9. Reseal cartridge for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Acrylic latex
Filler	Calcium carbonate
Volatile	Water
Weight % Solids	81%
Density (lbs per gallon)	13.2
Odor	Very mild
Clean Up	Water
Flash Point	>212°F
Freeze Thaw Stability (ASTM C1183)	Passes 5 Cycles
Shelf Life	12 months
Coverage	55 linear feet at 3/16" diameter bead
<b>Typical Application Properties</b>	
Application Temperature Range	40°F to 100°F
Tooling Time (Working Time)	10 minutes
Tack Free Time	30 minutes
Full Dry Through	7-14 days
Return to Service Time	24 hours
Vertical Sag (ASTM D2202)	0.05"
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-30°F to 180°F
Water Ready Time	24 hours
Paint Ready Time	2 hours
Mildew Resistance	Cured sealant is mold & mildew resistant



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## 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 a SDS by visiting our website at [dap.com](http://dap.com) or calling 888-DAP-TIPS.

## WARRANTY

**LIMITED WARRANTY:** If product fails to perform when used as directed, within one year of date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION

**Manufacturer:** DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

**Usage Information:** Call 888-DAP-TIPS or visit [dap.com](http://dap.com) & click on "Ask the Expert"

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

**Also, visit the DAP website at [dap.com](http://dap.com)**