



TECHNICAL DATA SHEET

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

DAP® 3.0™ High Performance Self-Levelling Concrete Sealant

PRODUCT DESCRIPTION

DAP® 3.0™ High Performance Concrete & Mortar Sealant is ideal for filling cracks and gaps in horizontal concrete surfaces such as driveways, patios, sidewalks, and steps. The self-levelling formula requires no tooling. It can be applied in extreme temperatures: -6°C to 48°C and is rain and paint ready in just 1 hour, saving time. DAP 3.0 stays flexible to withstand expansion and contraction caused by temperature and weather fluctuations. It won't crack or shrink and provides excellent adhesion and durability for a 100% waterproof and weatherproof seal. Easy to apply, low in odour and VOC compliant. Backed by a Lifetime Guarantee. Meets ASTM C920, Class 25, Use T₁. Exterior/interior use.



PACKAGING	COLOUR	UPC
266 mL (9.0 fl oz) Cartridge	Grey	7079878370

KEY FEATURES & BENEFITS

- Meets ASTM C920, Class 25, Use T₁
- Superior flexibility & adhesion to withstand expansion & contraction
- Self-levelling, no tooling required
- For horizontal surface use only
- 1-hour rain and paint ready
- Extreme temperature use: -6°C to 48°C
- 100% waterproof & weatherproof
- Withstands foot and vehicle traffic after fully cured.
- Shrink & crack proof
- Easy gunning
- Low odour & VOC compliant
- Lifetime Guarantee



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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
- Masonry
- Stone
- Brick
- Wood
- Stucco
- Most common building materials

FOR BEST RESULTS

- Application temperature range is between -6°C and 48°C.
- Use on horizontal surfaces only.
- Joint width should not exceed 13 mm (½"). If joint depth exceeds 13 mm (½"), 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 26°C in dry place for optimal shelf life.

APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound and free of old caulk, dirt, dust & other foreign material.

Product Application

1. Cut nozzle at a 45° angle to desired bead size.
2. Puncture inner foil seal.
3. Load into caulk gun.
4. Apply by filling joints from bottom.
5. Allow sealant to cure for at least 1 hour before exposing to water. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours at a maximum joint depth of 13 mm (½").
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, depending on temperature and humidity. Use only high-quality acrylic latex coatings. Use an acrylic primer for oil-based paints.
8. Reseal cartridge for storage and reuse.



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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%
Density (lbs per gallon)	12.8
Odour	Very mild
Flash Point	>100°C
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	12 months
Coverage	15 linear meters (49 linear feet) at 5 mm (3/16") diameter bead
Typical Application Properties	
Application Temperature Range	-6°C to 48°C
Tooling Time (Working Time)	30 minutes
Tack Free Time	2 hours
Full Cure	24 hours
Return to Service Time (Foot/Vehicle Traffic)	24 hours
Vertical Sag (ASTM D2202)	Not applicable
Typical Cured Performance Properties	
Service Temperature Range	-53°C to 88°C for continuous use, 250° with excursions
Water Ready Time	1 hour
Paint Ready Time	1 hour
Mildew Resistance	Cured sealant is mould & mildew resistant
Dynamic Joint Movement (ASTM C719)	+/-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 26°C and in a dry place.

SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS 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