



# TECHNICAL DATA SHEET

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

## DAP® 3.0™ High Performance Window, Door, Siding & Trim Sealant – Crystal Clear

### PRODUCT DESCRIPTION

DAP® 3.0™ High Performance Window, Door, Siding & Trim Sealant offers superior flexibility and adhesion for a durable, 100% waterproof and weatherproof seal that won't crack or shrink. It stays flexible to withstand expansion and contraction caused by temperature and weather fluctuations. It can be applied in extreme temperatures: -6°C to 48°C and adheres to wet/damp surfaces. DAP 3.0 guns out easily and tools smoothly. It is rain and paint ready in just 30 minutes, saving time. Once cured, the sealant is mould and mildew resistant. It is low in odour and VOC compliant. Backed by a Lifetime Guarantee. Meets ASTM C920, Class 35. Interior/exterior use.



PACKAGING	COLOUR	UPC
266 mL (9.0 fl oz.) Cartridge	Crystal Clear	7079871362

### KEY FEATURES & BENEFITS

- Crystal clear clarity blends seamlessly with substrates
- Meets ASTM C920, Class 35
- Superior flexibility & adhesion
- 30-minute rain & paint ready
- Wet/damp surface application
- Extreme temperature use: -6°C to 48°C
- 100% waterproof & weatherproof
- Shrink & crack proof
- Easy gunning, smooth tooling
- Low odour & VOC compliant
- Interior/exterior use
- Lifetime Guarantee



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## SUGGESTED USES

### USE FOR CAULKING AND SEALING:

- Showers
- Tubs
- Sinks
- Countertops
- Backsplashes
- Vanities
- Fixtures
- Baseboards
- Moulding
- Interior trim
- Pipes
- Vents
- Ducts
- Repairing loose tiles

### ADHERES TO:

- Wood – painted & unpainted
- Vinyl
- Most plastics
- Aluminium
- Most metals
- Concrete
- Natural stone, granite, marble
- Brick
- Glass
- Ceramic
- Porcelain
- Fiberglass
- Drywall
- Plaster
- Most common building materials

## FOR BEST RESULTS

- Application temperature range is between -6°C and 48°C.
- Joint width should not exceed 13 mm (1/2"). If joint depth exceeds 13 mm (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 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. Fill gap or crack with sealant.
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. Sealant surface may still be tacky. Sealant reaches full cure in 24 hours.



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- Clean up excess wet sealant from surface and tools with mineral spirits. Scrape or cut away excess dried sealant. Do not use mineral spirits to clean hands or skin. Wash hands or skin with soap and water.
- Paintable in 30 minutes. Use only high-quality acrylic latex coatings. 30-minute performance achievable with 9 mm (3/8") maximum diameter bead, temperature at 22°C minimum & 50% relative humidity. Use an acrylic primer for oil-based paints.
- Reseal cartridge for storage and reuse.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>Typical Uncured Physical Properties</b>	
Appearance/Consistency	Gunnable, non-sag paste
Base Polymer	Advanced hybrid polymer
Filler	Calcium carbonate
Volatile	Not applicable
Weight % Solids	>97%
Density (lbs per gallon)	8.6
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
<b>Typical Application Properties</b>	
Application Temperature Range	-6°C to 48°C
Tooling Time (Working Time)	20 minutes
Tack Free Time	2 hours
Full Cure	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	1 mm (0.05")
<b>Typical Cured Performance Properties</b>	
Service Temperature Range	-53°C to 88°C for continuous use, 250° with excursions
Water Ready Time	30 minutes
Paint Ready Time	30 minutes
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](http://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](http://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](http://dap.ca)**