



TECHNICAL DATA SHEET

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

DAP® SILICONE PLUS™ Premium Kitchen & Bath 100% Silicone Sealant

PRODUCT DESCRIPTION

DAP® SILICONE PLUS™ PREMIUM KITCHEN & BATH 100% SILICONE RUBBER SEALANT is a one-component, neutral cure silicone that cures to a tough, rubbery solid. Once cured, it provides 5 year mould and mildew resistance. It is water ready in just 30 minutes without washing out. DAP® SILICONE PLUS™ is shrink and crack proof and provides outstanding durability and flexibility for a 100% waterproof seal. Low in odour. Ideal for a wide variety of kitchen and bath applications such as sealing around sinks, tubs, showers, back splashes, countertops and fixtures. Backed by a Lifetime Guarantee. Interior use.



PACKAGING	COLOR	UPC
319 mL	White	7079873376
319 mL	Clear	7079873374
319 mL	Almond	7079873380
319 mL	Grey	7079873386
83 mL	White	7079873382
83 mL	Clear	7079873383

KEY FEATURES & BENEFITS

- 5 year mould & mildew resistance
- Superior adhesion & flexibility
- 30-minute water ready
- 100% waterproof
- Shrink & crack proof
- Low odour
- Interior use
- Lifetime Guarantee



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SUGGESTED USES

USE FOR CAULKING AND SEALING:

- Showers
- Tubs
- Sinks
- Countertops
- Backsplashes
- Pipes
- Vents
- Fixtures
- Repairing loose tile

ADHERES TO:

- Ceramic
- Porcelain
- Glass
- Cultured marble
- Vinyl
- Most plastics
- Most rubbers
- Most metals*
- Fiberglass
- Wood – non-oily
- Drywall
- Plaster

FOR BEST RESULTS

- Application temperature range is between -37°C and 48°C.
- Joint width should not exceed 1.27 cm (½"). If joint depth exceeds 1.27 cm (½"), use foam backer rod.
- Allow 24 hours for sealant to fully cure. Sealant will not cure in totally confined spaces.
- Not recommended for filling butt joints, surface defects, tuck pointing, structural glazing, continuous underwater use, high temperature surfaces, or surface defects.
- Not recommended on surfaces that might bleed oils, plasticizers or solvents. Best adhesion and compatibility are not achieved with substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene or polytetrafluoroethylene. Evaluate such substrates before using sealant.
- **Not paintable.** Paint substrate surface before applying sealant.

APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound and free of all foreign material.

Product Application

1. If using the squeeze tube, remove cap.
2. Cut nozzle at a 45° angle to desired bead size.
3. Puncture inner foil seal.
4. Load cartridge into caulk gun.



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5. Fill gap or crack with sealant.
6. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
7. At 22°C & 50% relative humidity, sealant is water resistant at 30 minutes & reaches full cure in 24 hours. Low humidity may slow cure.
8. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits or any other solvent to clean skin. Wash skin with soap and water.
9. Sealant is not paintable. Paint surfaces prior to applying sealant.
10. Reseal cartridge for storage and reuse.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Typical Uncured Physical Properties	
Appearance/Consistency	Smooth gunnable paste
Base Polymer	Silicone rubber
Filler	Not applicable
Volatile	Not applicable
Weight % Solids	>97%
Specific Gravity	1.04
Odour	Very mild
Flash Point	>100°C
Freeze Thaw Stability (ASTM C1183)	Will not freeze
Shelf Life	24 months
Coverage	16 linear meters (59 linear feet) at 5 mm (3/16") diameter bead
Typical Application Properties	
Application Temperature Range	-37°C to 48°C
Tooling Time (Working Time)	10-15 minutes
Tack Free Time	50 minutes
Full Cure Time	24 hours
Return to Service Time	30 minutes
Vertical Sag (ASTM D2202)	1.5 mm
Typical Cured Performance Properties	
Service Temperature Range	-40°C to 148°C
Water Ready Time	30 minutes
Paint Ready Time	Not paintable



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Mildew Resistance	5 year mould & mildew resistance guarantee

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 or any other solvent to clean skin. Wash 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 a SDS by visiting our website at dap.ca 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 1-888-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