



TECHNICAL DATA SHEET

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

DAP® 100% Silicone Rubber Window, Door & Siding Sealant

PRODUCT DESCRIPTION

DAP® 100% Silicone Rubber Window, Door & Siding Sealant is a durable, 100% waterproof and weatherproof sealant for sealing out drafts, water and moisture around windows, doors, siding, gutters, flashing, pipes, vents and more. It stays flexible to withstand expansion and contraction without cracking or losing adhesion. Cured sealant is mould and mildew resistant. Interior/exterior use.



| PACKAGING | COLOUR | UPC |
|-------------------------------|-----------|------------|
| 290 mL (9.8 fl oz.) Cartridge | White | 7079873461 |
| 290 mL (9.8 fl oz.) Cartridge | Clear | 7079873473 |
| 290 mL (9.8 fl oz.) Cartridge | Aluminium | 7079873485 |
| 290 mL (9.8 fl oz.) Cartridge | Brown | 7079873497 |

KEY FEATURES & BENEFITS

- When tested in accordance with ASTM C719, meets C920 Specification for Class 25, Grade NS, Uses G and NT
- 100% waterproof & weatherproof seal
- Flexible
- Cured sealant is mould & mildew resistant
- Interior/exterior use

SUGGESTED USES

USE FOR CAULKING & SEALING:

- Windows
- Doors
- Siding
- Trim
- Pipes
- Vents
- Ducts
- Gutters
- Flashing



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ADHERES TO:

- Wood
- Composite wood
- Aluminium
- Most metals*
- Glass
- Ceramic
- Porcelain
- Vinyl
- Most plastics & rubbers
- Most rubbers

*Corrodes some metals. Not recommended for use on or near brass, copper or copper alloys, zinc, iron, galvanized metals or other surfaces prone to attack by weak acids.

FOR BEST RESULTS

- Apply when surface temperatures are between -5°C to 60°C.
- Joint width should not exceed 13 mm (1/2"). If joint depth exceeds 13 mm (1/2"), use foam backer rod.
- Allow 24 hours for sealant to fully cure. Sealant will not cure in totally confined spaces.
- Not recommended for continuous underwater use, filling butt joints, surface defects, tuck-pointing, chimneys, stovepipes or fireplace applications. Not recommended for structural glazing.
- Not for oily woods or cementitious surfaces. Substrates made of methyl methacrylate, polycarbonate, polypropylene, polyethylene and polytetrafluorethylene do not allow for best adhesion and compatibility with sealant. Try test area before using.
- **Not paintable.** Paint substrate surface before applying sealant.
- Store below 32°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. Puncture inner foil seal. Load into caulk gun.
2. Fill gap or crack with sealant.
3. If necessary, tool or smooth the bead of sealant with a finishing tool before the sealant skins over.
4. Allow sealant to cure for at least 12 hours before exposing to water.
5. Do not touch or clean sealant for 24 hours. Sealant reaches full cure in 24 hours.
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 or any other solvent to clean skin. Wash skin with soap and water.
7. Sealant is not paintable. Paint surfaces prior to applying sealant.
8. Reseal cartridge for storage and reuse.



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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 | 0.96 |
| Odour | Vinegar like |
| Clean Up | Mineral spirits |
| Flash Point | >100°C |
| Freeze Thaw Stability (ASTM C1183) | Will not freeze |
| Shelf Life | 24 months |
| Coverage | 289 mL (9.8 fl oz): 15 linear meters (48 linear feet) at 5 mm (3/16") diameter bead |
| Typical Application Properties | |
| Application Temperature Range | -5°C to 60°C |
| Tooling Time (Working Time) | 5-10 minutes |
| Tack Free Time | 10-20 minutes |
| Full Cure | 24 hours |
| Return to Service Time | 12 hours |
| Vertical Sag (ASTM D2202) | 1 mm (0.05") |
| Typical Cured Performance Properties | |
| Service Temperature Range | -40°C to 176°C continuous use, up to 204°C intermittent use after full cure |
| Water Ready Time | 12 hours |
| Paint Ready Time | Not paintable |
| 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 or any other solvent to clean skin. Wash skin with soap and water. Store container in temperatures below 32°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

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 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