



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Phone: 410-675-2100 or 800-543-3840

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## DAP® Premium Polyurethane Roof & Flashing Sealant

- **Maximum Adhesion & Flexibility**
- **Watertight & Weatherproof Seal**
- **Paintable**
- **Meets ASTM C-920, Class 50**
- **50 Year Guarantee**
- **Moisture Curing**

**Packaging:** 10.1 fluid ounce cartridge (300 mL)

**Colors:** Black

**UPC No:** 0 70798 18816 7, 0 70798 74814 9

### Company Identification:

Manufactured for: DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST

Order Information: 800-327-3339

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

### Product Description:

DAP® Premium Polyurethane Roof & Flashing Sealant is a low modulus, one-part, moisture-curing, commercial grade sealant. It is specially formulated to provide a permanent, waterproof seal when filling gaps, joints and cracks in a variety of roof surfaces. This durable, high performance sealant offers superior adhesion to most substrates without the use of a primer. It remains permanently flexible to withstand up to 50% total joint movement when installed into a properly prepared joint.

### Suggested Uses:

#### *Ideal for use on:*

- *Roof Shingles*
- *Corrugated Roofing*
- *Flashing*
- *Gutters*
- *Skylights*
- *Asphalt Roofing*
- *Eaves*
- *Chimneys*
- *Downspouts*
- *Fascia*

#### *Adheres to:*

- *Asphalt*
- *Wood*
- *Concrete*
- *Stone*
- *Glass*
- *Plastics*
- *Metal*
- *Brick*
- *Masonry*
- *Aluminum*
- *Fiberglass*

### **Performance Characteristics:**

- Meets or exceeds Federal Spec TT-S 00230C, Type II, Class A and ASTM C 920, Type S, Grade NS, Class 50. Use NT, M, A and O. Canadian Standard CAN/CGSB-19.13-M87.
- DAP® Premium Polyurethane Roof & Flashing Sealant forms a watertight and weatherproof seal.
- Remains permanently flexible and withstands up to 50% total joint movement.
- Adheres to most building materials without priming.

### **Surface Preparation & Application:**

- Area must be structurally sound, clean, dry and free of all dirt, oil, grease or loose materials. Depending on the joint surface, for best results it may require a thorough wire brushing, grinding, sandblasting, solvent washing and/or primer. Taping sides of joint is recommended in any size where an extremely accurate match to the edge is desired. The tape can be removed without difficulty any time up to four hours after application of sealant.
- Trim nozzle at a 45° angle to desired bead size.
- Puncture inner foil seal.
- Load cartridge into conventional caulking gun.
- Fill gap with sealant, forcing sealant into joint.
- Tooling is recommended immediately after application to insure firm, intimate contact with the joint interface. Dry tooling is preferred. For wet tooling, toluene or xylene is recommended. Do not use alcohol.
- Excess sealant and smears adjacent to the joint can be removed with Xylol or Toluol before cure.
- Product will skin over in 60-90 minutes and will achieve full cure in 2-4 days, depending on joint depth, temperature and humidity. Curing continues at the rate of 1/16 inch (1.6mm) depth per day.

### ***For Best Results:***

- Do not apply over damp or contaminated surfaces. Use with adequate ventilation.
- Apply in temperatures above 40° F.
- Store away from extreme heat or cold.
- Do not use for below waterline applications.
- Joint size should not exceed 1/2" wide by 1/2" deep. If joint exceeds 1/2" depth, use closed cell polyethylene backer rod. Minimum joint size should not be less than 1/4" by 1/4".
- Allow sealant to fully cure before applying paint (approx. 2-4 days depending on temperature, humidity and depth of fill.)
- Priming not required for most construction materials.
- Polyurethane must be used within 12 months of manufacture date.

### **Physical & Chemical Characteristics:**

Solids:	98% minimum
Service Temperature Range:	-40°F to +185°F
Application Temperature Range:	+40°F to +110°F
Tack Free Time:	Within 72 hours
Cure Time:	2-4 days depending on temperature, humidity, joint depth
Paintability:	Yes, after full cure.
Consistency:	Gun Grade
Shelf Life:	12 months
Applications:	Interior/Exterior
Coverage:	55 linear feet at 3/16" diameter bead
MSDS No:	00077350001, 00077350605

### **Clean Up:**

Clean up with Xylol or Toluol before cure.

**Safety:**

See product label and Material Safety Data Sheet for safety information. You can request an MSDS Sheet by visiting our website at [www.dap.com](http://www.dap.com) or by calling 888-DAP-TIPS.

**Warranty Information:**

DAP warrants this product to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond DAP's control and could affect performance, DAP makes no other warranties, express or implied, including warranties of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. With respect to this product, DAP's sole obligation shall be, at its option, to replace, or to refund the purchase price for, the quantity of this product proved to be defective. DAP shall not be liable for any other losses or damages, including incidental or consequential damages. Return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston St., Baltimore, MD, 21224, for product replacement.

