



Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224
Phone: 410-675-2100 or 800-543-3840

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DAP® 3.0™ Advanced Gutter & Flash Sealant with Kwik Dry® Technology

- Caulk and expose to water after just 3 hours.
- Permanent waterproof seal.
- All-weather & sub-zero application.
- Superior adhesion.
- Won't crack or shrink.
- Withstands extreme temperature fluctuations.
- Paintable.
- Lifetime guarantee.

Packaging: 9.0 fl. oz. (266 mL)
Color: White
UPC Number: 0 70798 18366 7

Company Identification:

Manufacturer: DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224
Usage Information: DAP HELPLINE: 888-DAP-TIPS, 9:00 am to 7:00 pm EST.
Order Information: 800-327-3339
Fax Number: 410-534-2650
Also, visit the DAP website at www.dap.com.

Product Description:

DAP® 3.0™ is an advanced, low-VOC gutter & flashing sealant formulated with Kwik Dry® Technology allowing it to be exposed to water and moisture after only three hours without washing out rather than the 24-36 hour waiting period other caulks and sealants may require. It can be applied in all weather and below freezing temperature applications. It will not crack or shrink, and it provides excellent adhesion, flexibility and durability for a permanent waterproof seal. It is paintable, low odor and VOC compliant. Backed by a lifetime guarantee.

Suggested Uses:

Ideal for sealing:

- Gutters
- Flashings
- Drain spouts
- Lap joints
- Roof vents
- Corrugated roofing
- Aluminum siding
- Between base plate & slab

Adheres to:

- *Aluminum*
- *Steel*
- *Wood*
- *Concrete*
- *Most Plastics*
- *Painted surfaces*
- *Galvanized bonderized surfaces*
- *Vinyl*
- *Stucco*
- *Rubber*

Performance Characteristics:

- Accelerated cure time allows exposure to water and moisture after only three hours without washing out.
- Provides a permanently waterproof seal.
- Permanently flexible. Won't crack or shrink.
- Paintable with most acrylic latex paints in 3 hours. Use acrylic primer for oil-based paints.
- For exterior use only.

Surface Preparation & Application:

1. Surface must be clean, dry and free of all old caulk, dirt, dust and grease.
2. Unscrew outer nozzle.
3. Cut inner nozzle at the thread point furthest away from the base of the nozzle.
4. Re-attach outer nozzle, and cut nozzle at a 45° angle to desired bead size.
5. Load cartridge into caulking gun.
6. Fill gap with sealant, pushing sealant ahead of nozzle.
7. If necessary, smooth bead with a finishing tool.
8. To seal around gutter lap joints, apply bead of sealant along inside edge of all joints and around rivets. If rivets are not used on lap joints, apply sealant between 4 inch overlay to ensure full contact between both surfaces.
9. When sealing gutter end caps and slip joints, apply liberal amount of sealant to surfaces before the use of rivets.
10. Allow sealant to cure for at least three hours before exposing to water or moisture.
11. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant.
12. Paintable with most acrylic latex paints in 3 hours (surface may still be tacky). Use an acrylic primer for oil-based paints.
13. Store partially used cartridge in a cool dry place. Use the DAP CAP™ (purchased separately) to smooth, seal and finish caulk for professional results with no mess. Reseals cartridge for storage and reuse. When ready to use again, remove the cured material at the tip or cut the tip back. Use as soon as possible, preferably within a month.

For Best Results:

- Application temperature range is between -35°F and 140°F.
- Not recommended for continuous underwater use, on stovepipes or for surface defects.
- Store product below 80°F (27°C) away from extreme heat or moisture.

Physical & Chemical Characteristics:

Vehicle:	Advanced Polymer
Tooling Time:	20 minutes
Full Cure Time:	24 hours
Paintable:	Yes
Odor:	Very Mild
Consistency:	Smooth and Creamy
Filler:	Calcium Carbonate

Solids:	>99.9% by weight
Weight per Gallon:	12.5 ± 0.5 lbs/gallon
Elongation:	650 ± 50%
Tensile Strength:	185 ± 10 psi
Elastic Modulus:	45 ± 5 psi
Service Temperature Range (Cured sealant):	-65°F to 200°F for continuous use, 250°F with excursions
Application Temperature Range:	-35°F to 140°F
Freeze Thaw Stability:	Passes 5 Cycles 0°F (1 cycle = 16 hrs. @ 0°F, 8 hrs. @ 70°F)
Shelf Life:	12 months if unopened and stored in cool dry place
Coverage:	49 linear feet at 3/16" diameter bead
MSDS No.:	000 10049 001

Note: The physical properties were tested under standard conditions of 23°C (73°F) at 50% relative humidity. Typical characteristic values should not be used as specifications.

Clean Up:

Before curing, remove excess material from surface and tools with mineral spirits. Clean hands with soap and water. After product has cured, excess material must be cut or scraped away.

Safety:

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

Lifetime Guarantee:

DAP warrants the performance of this product for sealant purposes during the lifetime of your home. If not satisfied, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston Street, Suite 200, Baltimore, MD 21224 for product replacement or sales price refund. DAP will not be liable for incidental or consequential damages.