



# Technical Bulletin

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

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## DAP<sup>®</sup> 3.0<sup>™</sup> Window, Door, Trim & Siding Sealant - Crystal Clear

- 100% waterproof
- 30 minute water resistant
- Paintable
- Extreme temperature use: 20°F to 120°F
- Lifetime guarantee
- Indoor/outdoor use
- Shrink and crackproof guarantee

**Packaging:** 9.0 fl. oz. (266 mL)  
**Color:** Crystal Clear  
**UPC Number:** 0 70798 18362 9

### 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](http://www.dap.com).

### Product Description:

DAP<sup>®</sup> 3.0<sup>™</sup> is an advanced window, door, trim and siding sealant that is 30 minute water 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. The Crystal Clear clarity allows the beauty of the surface to shine through the sealant. The sealant is also paintable. It will not crack or shrink, and it provides excellent adhesion, flexibility and durability for a permanent waterproof seal. It is low odor and VOC compliant. Backed by a lifetime guarantee. ASTM C920 Type S Grade NS Class 25.

### Suggested Uses:

#### *Ideal for sealing around:*

- Window and door frames
- Moulding, trim and baseboards
- Siding
- Pipes
- Butt joints
- Corner joints
- Vents and ducts
- Other gaps and openings

#### *Adheres to:*

- Wood
- Aluminum
- Vinyl
- Plaster and drywall
- Painted surfaces
- Masonry, stone and brick
- Metal
- Glass
- Stucco
- Concrete

### **Performance Characteristics:**

- Accelerated cure time allows exposure to water and moisture after only 30 minutes without washing out.
- 100% waterproof to provide a permanent waterproof seal.
- Extreme temperature use: 20°F to 120°F
- Cured sealant is mold and mildew resistant.
- Permanently flexible. Won't crack or shrink.
- Paintable with most acrylic latex paints. Use acrylic primer for oil-based paints.

### **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. 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.
9. Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant.
10. Paintable with most acrylic latex paints (surface may still be tacky). Use an acrylic primer for oil-based paints.
11. 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 20°F to 120°F.
- If painting, paint with high-quality acrylic latex paint. Periodic re-painting/touch-up may be required.
- 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.
- Certain porous substrates such as concrete may require primer for best adhesion.

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

Vehicle:	Advanced Polymer
Tooling Time:	10 Minutes
Full Cure Time:	24 hours
Paintable:	Yes
Odor:	Very Mild
Consistency:	Smooth, Clear Paste
Filler:	None
Solids:	>99.9 % by weight
Weight per Gallon:	8.5 ± 0.5 lbs/gallon
Elongation:	300 ± 50%
Tensile Strength:	170 ± 50 psi
Elastic Modulus:	55 ± 5 psi
Service Temperature Range (Cured sealant):	-65°F to 200°F for continuous use, 250°F with excursions
Application Temperature Range:	20°F to 120°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 10032 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](http://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 sales price refund. DAP will not be liable for incidental or consequential damages.

