



# Technical Bulletin

2400 Boston Street, Suite 200, Baltimore, Maryland 21224  
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## DAP® 3.0™ High Performance Window, Door, Trim & Siding Sealant – Crystal Clear

- Meets ASTM C920, Class 25
- Superior flexibility & adhesion
- 30 minute paint & water ready
- Extreme temperature use: 20°F to 120°F
- Shrink & crack proof
- Low odor
- Exterior/interior
- Lifetime guarantee

**Packaging:** 9.0 fl. oz. (266 mL)  
**Color:** Crystal Clear  
**UPC Number:** 70798 18362, 071013

### Company Identification:

**Manufacturer:** DAP Products Inc., 2400 Boston St., Suite 200, Baltimore, Maryland 21224  
**Usage Information:** Call **1-888-DAP-TIPS** or visit [dap.com](http://dap.com) & click on "Ask the Expert"  
**Order Information:** 800-327-3339  
**Fax Number:** 410-558-1068  
 Also, visit the DAP website at [www.dap.com](http://www.dap.com)

### Product Description:

**DAP® 3.0™ HIGH PERFORMANCE WINDOW, DOOR, TRIM & SIDING SEALANT** offers superior flexibility and adhesion for a durable, 100% waterproof seal that won't crack or shrink. It is paint and water ready in just 30 minutes. It can be applied in extreme weather conditions: 20°F to 120°F. Applies smoothly and easily. Cured sealant is mold and mildew resistant. It is low odor and VOC compliant. Backed by a lifetime guarantee. Meets ASTM C920, Class 25, Type S Grade NS. Interior/exterior use.

### Suggested Uses:

#### *Ideal for caulking and sealing:*

- |                                 |                                   |
|---------------------------------|-----------------------------------|
| • <i>Windows and doors</i>      | • <i>Butt joints</i>              |
| • <i>Molding and baseboards</i> | • <i>Corner joints</i>            |
| • <i>Siding &amp; trim</i>      | • <i>Above ground foundations</i> |
| • <i>Pipes, Vents, Ducts</i>    | • <i>Flashing</i>                 |

#### *Adheres to:*

- |                   |                                   |                 |
|-------------------|-----------------------------------|-----------------|
| ✓ <i>Wood</i>     | ✓ <i>Plaster and drywall</i>      | ✓ <i>Metal</i>  |
| ✓ <i>Aluminum</i> | ✓ <i>Painted surfaces</i>         | ✓ <i>Glass</i>  |
| ✓ <i>Vinyl</i>    | ✓ <i>Masonry, stone and brick</i> | ✓ <i>Stucco</i> |
| ✓ <i>Concrete</i> |                                   |                 |

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

1. Surface must be clean, dry and free of all old sealant, dirt, dust and grease.
2. Cut nozzle at a 45° angle to desired bead size.
3. Puncture inner foil seal.
4. Load cartridge into caulking gun.
5. Fill gap with sealant, pushing sealant ahead of nozzle. .
6. For professional results, smooth bead of sealant with a finishing tool.
7. 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.
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 to clean hands.
9. Paintable in 30 minutes (surface may still be tacky) with high quality acrylic latex/waterborne coatings only. 30 minute performance achievable with 3/8” maximum diameter bead, temperature at 73°F minimum at 50% RH. Use an acrylic primer for oil-based paints.
10. Reseal cartridge for storage and reuse. Store partially-used cartridge in a cool dry place. When ready to use again, remove the cured material at the tip or cut the tip back.

### **For Best Results:**

- Application temperature range is between 20°F and 120°F.
- Not recommended for continuous underwater use, high temperature surfaces or for surface defects.
- If gap is more than ½” deep, use foam backer rod.
- Store product below 80°F away from extreme heat or moisture.
- Certain porous substrates such as concrete may require primer for best adhesion.

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

Vehicle:	Advanced Polymer
Filler:	None
Solids:	>97 % by weight
Weight per Gallon:	8.6 lbs/gallon
Service Temperature Range:	-65°F to 190°F for continuous use, 250°F with excursions
Application Temperature Range:	20°F to 120°F
Consistency:	Smooth, clear paste
Tooling Time:	10 minutes
Full Cure Time:	24 hours
Paintable:	Yes
Odor:	Very mild
Tensile Strength	170 psi
Elongation:	350 %
Elastic Modulus	55 psi
Freeze Thaw Stability:	Will not freeze
Shelf Life:	12 months if unopened and stored in cool dry place
Coverage:	49 linear feet at 3/16” diameter bead
SDS No:	00010032001

**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 & Storage:**

Before curing, remove excess material from surface and tools with mineral spirits. After product has cured, excess material must be cut or scraped away. Clean hands with soap and water. Store product below 80°F away from extreme heat or moisture.

**Safety:**

Warning! Contains phthalate esters & 3-(trimethoxysilyl)propylamine. During application & cure, methanol is released. Use only with adequate ventilation. Avoid breathing vapors by opening windows & doors. Ensure fresh air entry during application & drying. Harmful if swallowed or absorbed through the skin. May cause eye & skin irritation. May cause allergic skin sensitization. Avoid contact with eyes & skin. Wear gloves & safety glasses. Remove contact lenses before use. **WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. **FIRST AID: SKIN:** Wash thoroughly. **EYE:** Flood with large quantities of water. **INHALATION:** Remove to fresh air. **INGESTION: DO NOT INDUCE VOMITING.** Get medical attention immediately if complications arise from any exposure. **For emergencies,** call your poison control center at 1-800-222-1222. See Safety Data Sheet (SDS) for additional information. For an SDS, contact your supplier or visit [dap.com](http://dap.com). **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.** See product label and Safety Data Sheet (SDS) for additional safety information. You can request an SDS by visiting [dap.com](http://dap.com) or by calling 888-DAP-TIPS.

**Lifetime Guarantee:**

DAP warrants this product for sealant purposes during the lifetime of your home when applied as directed within one year of purchase. If product fails to perform, return container and sales receipt to DAP Products Inc., TCS, 2400 Boston St., Baltimore, MD 21224 for replacement product or sales price refund. DAP will not be liable for incidental or consequential damages.



