



# Technical Bulletin

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

Revised: 11/12/12

## DAP<sup>®</sup> ALEX FLEX<sup>™</sup> Premium Molding & Trim Sealant – White

- Exceeds ASTM C920, Class 12.5
- Crack proof
- Maximum flexibility and adhesion
- Outstanding Paintability in 30 Minutes
- Won't shine through paint
- Cured sealant is mold and mildew resistant
- Easy water clean-up
- Waterproof seal
- Ideal for wood and PVC molding

**Packaging:** 10.1 fl. oz. (300 mL) cartridge  
**Color:** White  
**UPC Number:** 70798 18542

### Company Identification:

**Manufacturer:** DAP Products Inc., 2400 Boston St., Ste. 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:** 410-534-2650  
Also, visit the DAP website at [www.dap.com](http://www.dap.com).

### Product Description:

**DAP<sup>®</sup> ALEX FLEX<sup>™</sup> PREMIUM MOLDING & TRIM SEALANT** is specifically formulated for use on molding & trim applications. It delivers maximum adhesion & flexibility for a crack proof seal. It provides easy tooling, low odor, water clean-up & outstanding paintability. In just 30 minutes, the sealant forms a tough outer skin that's dry enough to paint over with latex or oil based paints, thereby saving time since the job is finished faster. It provides a long-lasting, durable seal that will not shine through paint. Ideal for achieving a professional look with paint projects when sealing gaps around windows, doors, trim, crown molding, chair rails and baseboards. Cured sealant is mold and mildew resistant. Indoor use. Exceeds ASTM Specification C920, Class 12.5.

### Suggested Uses:

*Ideal for Caulking and Sealing:*

- *Windows and doors*
- *Molding*
- *Baseboards*
- *Crown molding*
- *Trim*
- *Corner joints*
- *Chair rails*
- *Vents*
- *Other gaps and cracks*

Do not use below waterline or in marine, automotive, aviation, other transportation applications, or for filling surface defects.

*Outstanding Adhesion to:*

- *Wood*
- *Aluminum*
- *Vinyl*
- *Plaster and drywall*
- *Painted surfaces*
- *Metal*
- *Glass*
- *Masonry*
- *Stucco*
- *Composite Wood*
- *Brick*
- *Concrete*
- *Most plastics*
- *Stone*
- *PVC Molding*

**Performance Characteristics:**

- Exceeds the requirements of ASTM C920 standard specification for Elastomeric joint sealants, Type S, Grade NS, Class 12.5. Use NT, G, A and M.
- Exceeds ASTM Spec C834 Standard Specification for Latex Sealants.
- Paintable in 30 minutes with latex or oil-based paints
- Tack free in 15 minutes.
- Easy water clean-up.

**Surface Preparation & Application:**

1. Surface must be clean, dry and free of old sealant, dirt, dust, debris and grease.
2. Trim the nozzle at 45° angle to desired bead size and load cartridge into caulking gun.
3. Fill the gap with sealant, pushing sealant ahead of nozzle.
4. If necessary, smooth or tool the bead with a finishing tool.
5. Clean up excess uncured sealant with a damp sponge before it skins over. Cured sealant must be cut or scraped away.
6. Allow 30 minutes for skin to form prior to painting. Allow additional dry time in high humidity or cool temperatures. Allow 72 hours for sealant to cure completely.
7. Reseal cartridge for storage and reuse.

***For Best Results:***

- Apply in temperatures above 40°F (4,44 °C).
- Do not apply if rain or freezing temperatures are forecasted or before full cure can occur. Cold weather and/or high humidity will slow down cure time.
- Do not use below waterline or for marine or automobile applications, or filling surface defects.
- Joint size should not exceed 1/2" (1,30 cm) wide by 1/2" (1,30 cm) deep. If joint depth exceeds 1/2" (1,30 cm), use foam backer rod.
- Store sealant away from extreme heat or cold.

**Typical Physical & Chemical Characteristics:**

Tooling Time:	10 Minutes
Tack-Free Time:	15 Minutes
Dynamic Joint Movement:	± 12.5%
Paintable:	Yes
Odor:	Very Mild
Consistency:	Smooth and Creamy
Vehicle:	Advanced Acrylic Polymer
Volatile:	Water
Flash Point:	> 212°F
Filler:	Calcium Carbonate
Density:	1.52 ± 0.01
Solids:	80.0% ± 1.0% by weight
Weight per Gallon:	12.70 ± 0.05 lbs./gal. (1.49 kg/L ± 0.006 kg/L)

**Typical Physical & Chemical Characteristics (Continued):**

Temperature Service Range:	-30°F to 180°F (- 34,50 to 82,20 °C)
Temperature Application Range:	40°F to 100°F (4,44 to 37,78 ° C)
Freeze Thaw Stability:	Passes 5 Cycles 0°F (- 17,78 °C)
Shelf Life:	12 Months
Coverage:	55 linear ft. at a 3/16" bead size. (16,76 m at a 0,47 cm bead size)
SDS No:	00010124001

**Clean Up:**

Clean up excess uncured sealant with a damp cloth or sponge before it skins over. Wash hands with warm water and soap. Dried material must be cut or scraped away.

**Safety:**

**WARNING! IRRITANT** Contains: Petroleum distillates. Vapors may be harmful if inhaled. May cause eye, skin and respiratory irritation, or allergic skin reaction. Harmful if swallowed or absorbed through the skin. Use only with adequate ventilation. Ensure fresh air entry during application and drying. Avoid breathing vapors. Avoid contact with eyes and skin. Wear gloves and safety glasses. Wash thoroughly after handling.

**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: immediately flood w/large quantities of water. INHALATION: Remove to fresh air. INGESTION: DO NOT INDUCE VOMITING. Get medical attention if complications arise from any exposure. **For emergencies**, call your poison control center at 1-800-222-1222. **KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.** See product label and Safety Data Sheet (SDS) for safety information. You can request an SDS by visiting our website at [www.dap.com](http://www.dap.com) or by calling **1-888-DAP-TIPS**.

**50-Year Satisfaction Guarantee (U.S.):**

If product fails to perform during guarantee period when used as directed, return used container and sales receipt to DAP Products Inc., Technical Customer Service, 2400 Boston St., Ste. 200, Baltimore, MD, 21224 for purchase price refund. DAP is not liable for incidental or consequential damages.