



# 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> ALEX ULTRA<sup>®</sup> 230 Premium Indoor/Outdoor Sealant with MICROBAN<sup>®</sup> Antimicrobial Product Protection

- Exceeds ASTM C 920, Class 25
- Improves energy efficiency
- Crack-proof, watertight seal
- Paintable
- Permanently flexible
- Easy water clean-up
- MICROBAN<sup>®</sup> antimicrobial product protection fights the growth of stain & odor-causing bacteria, mold & mildew on the sealant
- Low VOC content

**Packaging:** 10.1 fluid ounce (300 mL) cartridge, 5.5 fluid ounce (162 mL) squeeze tube (Brilliant White)

**Colors:** Brilliant White, Antique White, Almond, Cedar Tan, Brown, Aluminum Gray

**UPC Numbers:** 0 70798 11500, 0 70798 11324, 0 70798 11506, 0 70798 11509, 0 70798 11512, 0 70798 11515, 70798 11436

### Company Identification:

Manufacturer: DAP Products Inc., 2400 Boston St., Ste. 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> ALEX ULTRA<sup>®</sup> 230 PREMIUM INDOOR/ OUTDOOR SEALANT combines outstanding durability, adhesion and flexibility with easy tooling, paintability, low odor and water clean up. Formulated with Microban<sup>®</sup> Antimicrobial Product Protection to fight the growth of stain and odor-causing bacteria, mold and mildew on the sealant, it is ideal for sealing out air leaks to improve energy efficiency.

### Suggested Uses:

#### *Ideal for Caulking & Sealing:*

- *Windows and doors*
- *Moldings*
- *Baseboards*
- *Vents*
- *Pipes*
- *Butt joints*
- *Corner joints*
- *Siding and trim*
- *Tuck-pointing*
- *Other gaps and cracks*

### ***Outstanding Adhesion to:***

- *Wood*
- *Aluminum*
- *Vinyl*
- *Plaster & drywall*
- *Painted surfaces*
- *Metal*
- *Glass*
- *Masonry*
- *Stucco*
- *Brick*
- *Concrete*
- *Most plastics*
- *Stone*

### **Performance Characteristics:**

- Meets the requirements of ASTM C 920 standard specification for elastomeric joint sealants, Type S, Grade NS, Class 25. Use NT, G, A and M.
- Meets the performance specifications of Federal Specification TT-S-00230C (COMNBS0), Type II, Class A.
- Exceeds ASTM Spec C 834 Standard Specification for Latex Sealants.
- Tack free in 30 minutes
- Paintable with latex and oil-based paints
- Easy water clean-up.

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

1. Surface must be clean, dry and free of all old caulk, dirt, dust, grease and debris.
2. Cut nozzle at 45° angle to desired bead size.
3. Load cartridge into caulking gun.
4. Fill gap with sealant, pushing sealant ahead of nozzle.
5. For a neat finish, smooth the bead of sealant with a finishing tool.
6. Clean up excess sealant with a damp sponge before it skins over (15 minutes).
7. Allow to dry 2-4 hours before painting w/latex or oil-based paints. Cool or humid conditions or type of paint used may require longer dry time.
8. Reseal for storage and reuse.

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

- Apply in temperatures above 40°F (4.4°C).
- Do not apply if rain or freezing temperatures are forecasted or before full cure can occur. Cold weather and 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" (1,3 cm) wide x 1/2" (1,3 cm) deep. If joint depth exceeds 1/2" (1,3 cm), use backer foam rod material.
- Store sealant away from extreme heat or cold.

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

Tooling Time:	10 Minutes
Tack-Free Time:	30 Minutes
Dynamic Joint Movement:	± 25%
Paintable:	Yes
Odor:	Very mild
Consistency:	Smooth and creamy
Vehicle:	Advanced Acrylic Polymer
Volatile:	Water
Flash Point:	None
Filler:	Calcium Carbonate
Density:	1.48 ± 0.01
Solids:	80.0% ± 1.0% by weight

Weight per Gallon:	12.35 ± 0.05 lbs./gal. (103 L/kg ± 0.41 L/kg)
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
MSDS No:	00010057101

**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:**

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

**50-Year Satisfaction Guarantee:**

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