



# Technical Bulletin

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

Revised: 6/4/09

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

- 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  
**Colors:** Clear  
**UPC Numbers:** 70798 11503

### Company Identification:

**Manufacturer:** DAP Products Inc., 2400 Boston St., 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 and Sealing:*

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

*Outstanding Adhesion to:*

- |                       |           |                 |
|-----------------------|-----------|-----------------|
| • Wood                | • Metal   | • Brick         |
| • Aluminum            | • Glass   | • Concrete      |
| • Vinyl               | • Masonry | • Most plastics |
| • Plaster and drywall | • Stucco  | • Stone         |

- *Painted surfaces*

**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 Spec 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 or oil-based paints.
- Easy water clean-up.

**Surface Preparation & Application:**

1. Surface must be clean, dry and free of all old caulk, dirt, dust, and grease.
2. Cut nozzle at 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 a neat finish, smooth bead of sealant with a finishing tool.
7. Clean up excess sealant with a damp cloth before it skins over (15 minutes).
8. Allow sealant to dry clear before painting with latex or oil- based paints.
9. Reseal 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 before total 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 depth should not exceed 1/2” (1,30 cm) wide by 1/2” (1,30 cm) deep. If joint exceeds 1/2” (1,30 cm) deep use foam backer rod.
- **Applies white, dries clear in 7-14 days. Sealant should not be painted until it has turned clear.**
- 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:	None
Density:	1.07 ± 0.01
Solids:	57.0% ± 1.0% by weight
Weight per Gallon:	8.90 ± 0.05 lbs./gal. (1,066 kg/L+/- 0,0005 kg/L)
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 to 70°F (- 17,78 °C to 21.1 °C)
Shelf Life:	12 months

Coverage: 55 linear ft. at a 3/16" bead size  
MSDS No: 00010059101

**Clean Up:**

Clean up excess uncured sealant with a damp cloth or sponge before it skins over (15 minutes). 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.