



Technical Bulletin

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

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DAP® ALEX ULTRA™ Acrylic Latex Sealant Plus Silicone 230 Grade with MICROBAN® Antimicrobial Product Protection

- Fights the growth of stain & odor-causing bacteria, mold & mildew on the sealant
- Waterproof seal
- Paintable
- Superior flexibility
- Easy water clean-up
- 50 Year Durability Guarantee

Packaging: 10.1 fluid ounce (300 mL) cartridge
Colors: Brilliant White, Almond, Cedar Tan, Brown, Aluminum Gray, Black
UPC Numbers: 11500, 11506, 11509, 11512, 11515, 11518

Company Identification:

Manufacturer: DAP 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.

Product Description:

DAP® ALEX ULTRA™ is a premium, 230-grade acrylic latex sealant plus silicone formulated for all-purpose indoor and outdoor applications. It contains silicone for superior flexibility and adhesion, withstanding up to 50% total joint movement without cracking. Microban® Antimicrobial Product Protection fights the growth of stain and odor-causing bacteria, mold and mildew on the sealant. Alex Ultra™ is paintable with latex or oil-based paints and offers easy water clean-up.

Suggested Uses:

Ideal for caulking & sealing:

- *Windows & doors*
- *Corner/butt joints*
- *Ducts*
- *Siding & trim*
- *Baseboards*
- *Vents*
- *Molding*
- *Pipes*

Adheres 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
- 50 Year Durability Guarantee
- 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 sealant to dry at least 2 hours (longer in cool or humid conditions) before painting with latex or oil-based paints.
8. Reseal for storage and reuse.

For Best Results:

- Caulk in temperatures above 40°F.
- Do not apply when rain or freezing temperatures are forecasted 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.
- Joint size should not exceed 1/2" wide x 1/2" deep. If joint depth exceeds 1/2", use backer rod material.
- Store caulk 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:	82.0% ± 1.0% by weight
Weight per Gallon:	12.35 ± 0.05 lbs./gal.
Temperature Service Range:	-30°F to 180°F
Temperature Application Range:	40°F to 100°F
Freeze Thaw Stability:	Passes 5 Cycles 0°F (1 cycle = 16 hrs. @ 0°F, 8 hrs. @ 70°F)
Shelf Life:	1 Year
Coverage:	55 linear ft. at a 3/16" bead size
MSDS No:	10057

Clean Up:

Clean up excess uncured sealant with a damp 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 for safety information. You can request an MSDS sheet by visiting our website at www.dap.com or by calling 888-DAP-TIPS.

Warranty Information:

If not satisfied with product performance when used as directed, return used container and sales receipt to DAP Inc., Technical Customer Service, 2400 Boston St., Baltimore, MD, 21224, for product replacement or sales price refund. DAP will not be liable for incidental or consequential damages.