



Technical Bulletin

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

Revised: 5/28/14

DAP[®] DYNAFLEX 230[®] 100% Waterproof Window, Door & Trim Sealant – White & Colors

- Meets ASTM C920, Class 25
- Silicone Tough
- Superior Flexibility & Crack Proof
- Seals Joints up to 1" Wide
- Paintable & Water Clean-Up
- Interior/Exterior
- Ideal for Composite Wood and PVC Trimboard

Packaging: 10.1 fl. oz. (300 mL) cartridge, 5.5 fl. oz. (162 mL) squeeze tube
Color: White, Almond, Gray, Clay, Black, Brown, Cedar Tan, Dark Bronze
UPC Number: 70798 18300, 70798 18306, 70798 18301, 70798 18416, 70798 18280, 70798 18302, 70798 18412, 70798 18303, 70798 18285

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 & click on "Ask the Expert"
Order Information: 800-327-3339
Fax Number: 410-534-2650
Also, visit the DAP website at www.dap.com.

Product Description:

DAP[®] DYNAFLEX 230[®] 100% WATERPROOF WINDOW, DOOR & TRIM SEALANT is DAP's most advanced latex sealant technology. DAP[®] DYNAFLEX 230[®] is a premium latex sealant with the performance characteristics of non-industrial acetoxy silicone products. It combines the outstanding durability, adhesion and flexibility of a silicone with the easy tooling, paintability, low odor and water clean-up of a latex sealant. It is highly flexible to handle joint movement caused by variations in temperature and humidity without cracking. It provides a long-lasting, durable seal that is 100% waterproof and weatherproof. Ideal for sealing air leaks around windows, doors, siding, trim and baseboards to improve the energy efficiency of a home and reduce utility costs. Cured sealant is mold and mildew resistant. Interior/exterior use. Meets ASTM Specification C920.

Suggested Uses:

Ideal for Caulking and Sealing:

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

Outstanding Adhesion to:

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

Performance Characteristics:

- Meets the requirements of ASTM C920 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 C834 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. Remove cap (from squeeze tube). Cut nozzle at a 45° angle to desired bead size.
3. Load into caulking gun if using the cartridge.
4. Fill gap with sealant, pushing sealant ahead of nozzle.
5. For a neat finish, smooth bead of sealant with a finishing tool.
6. Clean up excess uncured sealant with a damp cloth before it skins over (15 minutes). Cured sealant must be cut or scraped away.
7. Allow sealant to dry 2-4 hours before painting with latex or oil-based paints. Cool or humid conditions or type of paint used may require longer dry time.
8. Reseal squeeze tube/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 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” (2.54 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:	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:	1.44
Solids:	78.0% by weight

Typical Physical & Chemical Characteristics (continued):

Weight per Gallon:	12.0lbs./gal. (1.44 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 (-17.78 °C)
Shelf Life:	12 Months
Coverage:	5.5 fl. oz.: 30 linear ft. at a 3/16" diameter bead (9.14 m at a 0.47 cm bead size); 10.1 fl. oz.: 55 linear ft. at a 3/16" bead size. (16.76 m at a 0.47 cm bead size)
SDS No:	00010001001

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. May cause eye, skin and respiratory irritation, or allergic skin reaction. Harmful if swallowed. 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. See Safety Data Sheet (SDS) for additional information. See product label and Safety Data Sheet (SDS) for safety information. You can request an SDS by visiting our website at www.dap.com or by calling **1-888-DAP-TIPS**.

50-Year Satisfaction Guarantee:

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.