



Technical Bulletin

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

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

- ASTM C 920
- Silicone Tough Performance
- 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: Clear
UPC Number: 70798 11304, 70798 18304, 70798 18355, 70798 18357, 70798 18857, 70798 74120

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 C 920.

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:

- 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. Puncture inner foil seal and 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 clear before painting with latex or oil-based paints. **Sealant applies white & dries clear in 7-14 days, depending on joint depth, temperature & humidity.** 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:	1.04
Solids:	59.0% by weight
Weight per Gallon:	8.7 lbs./gal. (1.04 kg/L)
Temperature Service Range:	-30°F to 180°F (-34.50 to 82.20°C)

Typical Physical & Chemical Characteristics (continued):

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: 00010020001

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:

Caution! Contains ethylene glycol. Use in well-ventilated area. Do not get in eye or on skin. Use gloves and safety glasses. **Keep out of reach of children. Do not take internally. Warning:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. In an **emergency**, call your poison control center at 1(800) 222-1222. See Safety Data Sheet (SDS) for additional information. For an SDS, contact your supplier or visit **dap.com**.

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.