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DAP 7079818418

DAP Dynaflex 230 Premium Elastomeric Sealant Instruction Manual

Model: 7079818418

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1. ABOUT THE PRODUCT

DAP Dynaflex 230 is a premium elastomeric latex sealant engineered with silicone-like toughness. This sealant offers exceptional durability, adhesion, and flexibility, combined with ease of application, paintability, low odor, and water clean-up. It is designed to withstand joint movement caused by temperature and humidity variations without cracking, making it suitable for both interior and exterior use. It provides a 100% waterproof and weatherproof seal, ideal for enhancing a home's energy efficiency by sealing air leaks around windows, doors, siding, trim, and baseboards.

Key features include:

- Silicone tough with superior flexibility and crack-proof performance.
- Premium elastomeric latex paintable sealant, ready for paint in 2 hours.
- 100% waterproof and weatherproof seal.
- Seals joints up to 2 inches wide, maintaining flexibility without cracking.
- Adheres to a wide range of building materials indoors or outdoors, including wood, MDF, PVC, polystyrene, and composite trimboard.



DYNAFLEX 230®



Paintable in 2 Hours

**Seals Joints up to
2" Wide**

**100% Waterproof
& Weatherproof Seal**



Image 1: DAP Dynaflex 230 Premium Elastomeric Sealant in Brown, highlighting its silicone toughness, 2-hour paintability, ability to seal joints up to 2 inches wide, and 100% waterproof and weatherproof seal.

2. SETUP AND PREPARATION

Proper preparation is crucial for optimal sealant performance and adhesion. Follow these steps before application:

- Surface Cleaning:** Ensure the surface is clean, dry, and free of old caulk, foreign material, dust, grease, or loose paint.
- Nozzle Preparation:** Cut the nozzle at a 45-degree angle to achieve the desired bead size. A smaller opening creates a finer bead, while a larger opening creates a wider bead.
- Load Cartridge:** Insert the sealant cartridge into a standard caulk gun.

HOW TO USE

1. Surface must be clean, dry & free of old caulk & foreign material.
2. Cut nozzle at a 45° angle to desired bead size.
3. Load cartridge into caulk gun.
4. Fill gap with sealant.
5. Smooth/tool bead.
6. Clean excess wet sealant with damp sponge before it skins over. Dried sealant must be cut or scraped away.
7. Allow 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 cartridge for storage & reuse.



Image 2: Visual guide illustrating the steps for using DAP Dynaflex 230 sealant, including surface preparation, nozzle cutting, and cartridge loading.

3. APPLICATION INSTRUCTIONS

Apply the sealant evenly for a professional finish and effective seal.

1. **Apply Sealant:** Apply a continuous, even bead of sealant into the gap or joint. Maintain consistent pressure on the caulk gun.
2. **Smooth Bead:** Immediately after application, smooth the bead with a wet finger or a tooling tool for a clean, uniform appearance.
3. **Clean Excess:** Clean any excess wet sealant with a damp sponge before it skins over. Dried sealant must be cut or scraped away.



Image 3: A hand demonstrating the application of DAP Dynaflex 230 sealant using a caulk gun along a wooden seam.

Your browser does not support the video tag.

Video 1: An official product video from DAP PRODUCTS INC. demonstrating the application of Dynaflex 230 sealant, highlighting its ease of use and flexibility.

4. MAINTENANCE AND STORAGE

To ensure the longevity of your sealant and its effectiveness for future use:

- **Reseal Cartridge:** After each use, reseal the cartridge nozzle tightly to prevent the sealant from drying out. This ensures the product remains viable for future projects.
- **Storage:** Store the sealant in a cool, dry place away from direct sunlight and extreme temperatures.
- **Painting:** Allow the sealant to dry for 2-4 hours before painting with latex or oil-based paints. Cool or humid conditions, or the type of paint used, may require a longer drying time.

5. IDEAL APPLICATIONS

DAP Dynaflex 230 is versatile and suitable for sealing various areas around your home:

- Windows
- Doors
- Siding
- Trim

- Baseboards
- Eaves & Soffits



Image 4: An illustration of a house exterior, pointing out common areas where DAP Dynaflex 230 sealant can be effectively applied, such as eaves, soffits, siding, doors, and windows.

5.1. Multi-Material Adhesion

This sealant adheres effectively to a wide variety of building materials, ensuring a strong and lasting bond:

- Wood
- Most Metals
- Glass
- Plaster/Stucco
- Brick
- Vinyl
- Drywall
- Aluminum
- PVC Trimboard
- Most Plastics
- Mortar & Stone
- Concrete

MULTI-MATERIAL ADHESION



Wood



Most Metals



Glass



Plaster/
Stucco



Brick



Vinyl



Drywall



Aluminum



PVC
Trimboard



Most
Plastics



Mortar &
Stone



Concrete

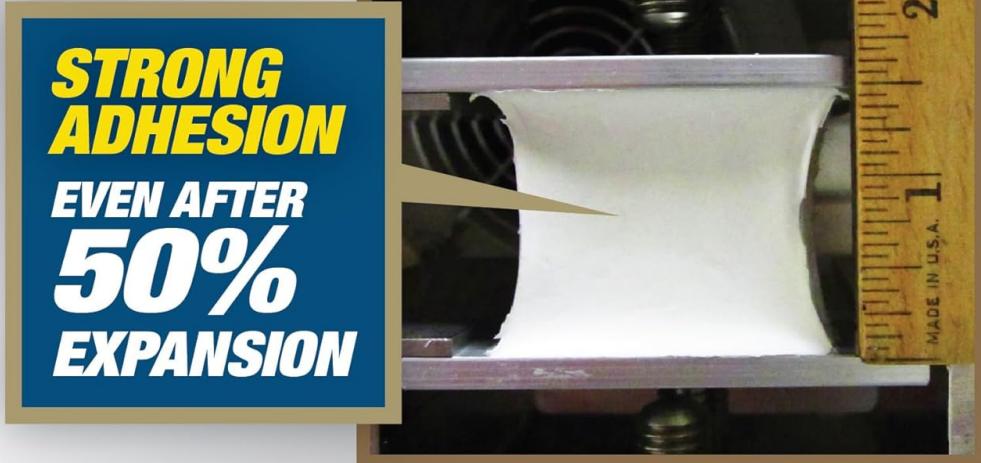
Image 5: A visual representation of the diverse range of materials to which DAP Dynaflex 230 sealant provides strong adhesion, including wood, metals, glass, and various construction surfaces.

6. SUPERIOR FLEXIBILITY AND DURABILITY

DAP Dynaflex 230 is formulated for long-lasting performance, even in dynamic environments. Its elastomeric properties allow it to stretch and compress with building materials, preventing cracks and maintaining a robust seal.

- **Crack-Proof Performance:** Designed to handle significant joint movement without cracking, ensuring a durable seal over time.
- **Strong Adhesion:** Maintains strong adhesion even after 50% expansion, adapting to weather and temperature changes.

PERMANENTLY FLEXIBLE



Stays permanently flexible with strong adhesion. Stands up to expansion and contraction of building materials due to weather and temperature changes.

Image 6: A laboratory comparison demonstrating the superior flexibility and adhesion of DAP Dynaflex 230, showing 272% elongation without adhesion failure, compared to a competitor's elastic sealant.

7. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	DAP
Model Number	7079818418
Color	Brown
Size	10.1 oz (300 mL)
Item Form	Paste
Material	Advanced Acrylic Polymer
Surface Recommendation	Interior/Exterior
Water Resistance Level	Waterproof
Maximum Gap Fill	2 Inches
Initial Hardening Time	30 Minutes

Feature	Detail
Full Cure Time	24 Hours
Temperature Range	40 to 100 Degrees Fahrenheit
Coverage	55 linear ft. at a 3/16" bead size
Certification	ASTM C920, Class 25
UPC	070798183025

8. TROUBLESHOOTING

While DAP Dynaflex 230 is designed for reliable performance, here are some common issues and general advice:

- **Poor Adhesion:** Ensure surfaces are thoroughly clean, dry, and free of contaminants before application. Old caulk or loose paint must be removed.
- **Cracking/Shrinkage:** This product is formulated to be crack-proof. If cracking occurs, ensure the joint size is within the recommended 2-inch maximum and that the sealant had adequate time to cure before exposure to extreme movement or painting.
- **Slow Drying Time:** In cool or humid conditions, or when using certain types of paint, the drying time may be longer than the stated 2-4 hours for paintability or 24 hours for full cure. Allow additional time as needed.
- **Difficulty Smoothing:** If the sealant begins to skin over too quickly, work in smaller sections or use a damp tool for smoothing immediately after application.

9. WARRANTY AND SUPPORT

DAP Dynaflex 230 Premium Elastomeric Sealant comes with a 50-Year Durability Guarantee, reflecting its high quality and long-lasting performance. For specific warranty details or product support, please refer to the product packaging or contact DAP directly.

For additional information, product inquiries, or technical assistance, please visit the official DAP Store [DAP Store on Amazon](#).