



TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

DAP® DRAFTSTOP® 812 FOAM SEALANT— Bright White

PRODUCT DESCRIPTION

DAP® DRAFTSTOP® 812 is specially formulated for use around window and door frames. While it can be used as an all-purpose foam, this revolutionary expanding polyurethane foam is designed to air seal without exerting pressure that can be detrimental to window or door frame stability. This low pressure foam is actually self-venting which means that once it fills the void, the trapped gases leave the foam – unlike traditional polyurethane foam that may continue to expand and apply pressure. This is ideal for sensitive areas like window and door frames. The end result is an air-tight seal around windows and doors that lowers energy costs.



| PACKAGING | Case | COLOR | UPC |
|-----------------|------|-------|-----------|
| 9 oz (255g) Can | 12 | White | 707980815 |

Meets AAMA 812-04 ASTM E84/UL
723, Class A Fire Rated, UL Classified



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KEY FEATURES & BENEFITS

- Low-pressure formula
- Fills and air seals better than fiberglass
- Stops drafts to minimize energy loss
- Helps block moisture
- Fire retardant
- Meets ASTM E84 and AAAMA 812-04
- Bright White Foam
- Interior / exterior use

SUGGESTED USES

USE TO FILL AND SEAL:

- Window and door frames / jambs
- Through-penetrations
- Gaps and cracks in foundations, crawlspaces, attics, and basements
- Partitions and stud walls
- Top and bottom of stair stringer
- Space connections in soffits and drop ceilings

FOR BEST RESULTS

- Apply in temperatures between 60°F- 120°F
- Surface must be clean, dry, and free of all foreign material for adhesion
- Dispense in the UPSIDE-DOWN position
- Apply in spaces with 40% relative humidity or greater
- If used outdoors, paint to avoid foam discoloration
- Use around, not inside, junction boxes

APPLICATION

DIRECTIONS: Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Product is flammable during dispensing – turn off sources of ignition prior to use

Preparation: To promote adhesion surface must clean, dry, and free of all foreign material. Assemble straw and adapter, then carefully screw the trigger assembly onto valve. With trigger assembly attached, shake well for 30 seconds. Holding the can upside-down, slowly activate trigger until foam begins to dispense. Important: Before starting the job, first practice dispensing onto scrap materials.



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Application: For best results this product should only be dispensed in the UPSIDE-DOWN position and apply in spaces with 40% greater relative humidity. Fill gap no more than 1/3 full, allowing room for expansion. Do not overfill. Important: Foam will continue to dispense for a few seconds after releasing the trigger – keep the straw tip moving to reduce the possibility of overfilling. Foam is tack-free in 30 minutes and dries in 4 hours. Excess foam can be trimmed and finished as necessary. Direct sunlight discolors foam if not painted or covered.

Clean-up: If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. Cured foam must be removed mechanically from surfaces. Uncured foam can be cleaned from most surfaces with Foam Cleaner or acetone. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves and wait 1 hour. With a clean cloth, firmly wipe off residue and repeat process if necessary. DO NOT use acetone or other solvents to remove product from skin.

Storage/Re-Use: Stop & restart up to 3 weeks later. To store unused portion, bend straw back onto the knob atop the dispensing trigger. Store can upright below 90° F (33°C). Product can be reused within three weeks if stored properly. To re-use, cut the end of the straw (removing any cured foam), shake well and apply as directed above.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| | |
|--|-----------------------------|
| Yield per can (3/8" bead) ASTM C1536 | 427 linear feet |
| Dry Time/ tack free | < 30 minutes |
| Cure Time | 4 hours |
| Shelf Life | 18 months (unopened) |
| Application Temperature Range | 60°F to 100°F (16°C ~ 38°C) |
| Cuttable | < 2 hours |
| International Building Code | compliant |
| International Residential Code | compliant |
| UL Classified Caulking & Sealants | Listed |
| UL 723 Surface Burning Characteristics Fire Test (Flame/Smoke) | 10/15 |
| R-Value | 4 - 5 |

SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at dap.com or calling 888-DAP-TIPS.



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WARRANTY

LIMITED WARRANTY: If the product fails to perform when used as directed, within one year from the date of purchase, call 888-DAP-TIPS, with your sales receipt and product container available, for replacement product or sales price refund. DAP Products Inc. will not be responsible for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufacturer: DAP Products Inc., 2400 Boston Street, Baltimore, Maryland 21224

Usage Information: Call 888-DAP-TIPS or visit dap.com & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com

R14175
1L15



UNDERWRITERS LABORATORIES INC.
CLASSIFIED CAULKING AND SEALANT
Surface Burning Characteristics
Applied To Inorganic Reinforced
Cement Board*
Flame Spread 10
Smoke Developed 15

*TESTED AS APPLIED IN FOUR ½" DIAMETER
BEADS 5" ON CENTER COVERING 11.1% OF THE
EXPOSED TEST SAMPLE AREA.