



# TECHNICAL DATA SHEET

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

## DAP® WALL & CAVITY SPRAY FOAM, 567 g (20oz)

### PRODUCT DESCRIPTION

**DAP® Wall & Cavity Foam with Widespray Applicator** is a one-component spray foam solution that broadcast sprays like 2-component foam while air sealing. Features a patent-pending wide spray applicator. When used according to manufacturer's directions, it effectively air seals homes and buildings while providing Class A fire resistance. The patent-pending technology offers a wide broadcast spray pattern similar to two-component systems, but in an easy to use one-component can solution that can be applied in a wide temperature range of 5°C – 48°C (40°F – 120°F) of ambient substrates. Ideal for rim joists, touch-ups or smaller repairs and projects. Applicator Included.



PACKAGING	Case	COLOUR	SKU#
567g (20oz) Can	6	Off-White	7565070370

### KEY FEATURES & BENEFITS

- Seals out air saving on energy costs all year round
- Wide ambient and substrate temperature range 5°C – 48°C (40°F – 120°F) for greater project versatility
- Easy to use applicator that is reusable for life of can, when properly cleaned with DAP Foam Cleaner or acetone
- Wide spray applicator with nozzle tip that can be rotated for horizontal and vertical spray patterns
- Meets requirements for Class A fire resistance
- High closed cell content
- Foam surface dries to the touch in 7-12 minutes at a normal temperature/humidity
- Great for filling rim joists, touch ups and other targeted areas
- Bonds to a variety of materials including most woods, most masonry, most metals and drywall
- Low Global Warning Potential
- Interior use only



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## SUGGESTED USES

### USE TO FILL AND SEAL:

- Rim joists
- Touch-Ups/Corrections
- Basements
- Attics
- Crawlspace

## FOR BEST RESULTS

For best results scan QR code to watch the How-To Video before use.



## INSTRUCTIONS

**IMPORTANT – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths.**

### PREPARATION

For optimal foam performance:

- Application surface must be clean, dry, structurally sound, and free of all foreign material
- The product should be conditioned at 21°C – 29°C (70°F – 85°F) for at least 24 hours prior to use.
- The surfaces and ambient temperature of the project location should be 5°C – 48°C (40° - 120°F) and the relative humidity should be 40% or higher.
- Shake can vigorously for 30 seconds before use.
- Prepare for use: While holding the can upright, attach the applicator to the can. Do not overtighten.

### APPLICATION

**IMPORTANT: Test spray on scrap cardboard or into trash bin before use on project.** Rotate the applicator nozzle tip to adjust for horizontal or vertical spraying. The applicator sprays horizontally when tip is in horizontal position. To spray vertically, rotate applicator so that tip is in a vertical position. Holding the can UPSIDE DOWN, spray foam continuously with a rapid left-right or up-down motion approximately 12" from the material/substrate. Foam should be sprayed in layers of no more than 1.27 cm (1/2") of wet foam at a time, as the foam expands up to 3 times during cure. (I.e. 1.27 cm (1/2") of wet foam will expand to a thickness of 3.81 cm (1.5") of cured foam.) Not recommended for overhead application.

### NOTE:

For air sealing application one layer is usually sufficient (example: rim joist).



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For thick foam applications, like rim joists, Wall & Cavity Foam shall be applied in multiple-layer applications with two following options:

Option 1: Before spraying additional layer, must wait for at least 15 minutes to allow previous layer foam to cure and expand. Option 2: Mist the surface to be sprayed with water, apply a first layer of 1.27 cm (½") wet foam, and then immediately mist the wet foam surface with water to help speed up the moisture cure. Wait 5-7 minutes before applying another layer. **This method is preferred for multiple layer applications.**

#### **Additional notes:**

- Foam surfaces are usually tack-free in 7-12 minutes, foam edges can be trimmed in 45 minutes. They are fully cured typical in 24 hours depending on foam thickness, temperature and humidity. Thick applications of foam, and applications under lower temperatures and/or humidity will cure more slowly.

#### **CLEAN-UP**

Uncured foam can be cleaned with DAP® Foam Cleaner or acetone. Cured foam must be removed mechanically from surfaces. If wet foam contacts skin, clean immediately with a dry rag – do not use water – water accelerates curing. If foam dries on skin, apply generous amounts of petroleum jelly, put on plastic gloves, and wait 1 hour. Remove gloves and with a clean cloth, firmly wipe off residue and repeat process if necessary. Wash with warm, soapy water. DO NOT use acetone (foam cleaner) or any other solvents to remove product from skin. Any residual cured foam will wear off in time. Remove contaminated clothing.

#### **STORAGE, REUSE & DISPOSAL**

- **STORAGE:** Store upright and between 16°C (60°F) and 32°C (90°F). Do not expose to heat or store at temperatures above 49°C (122°F).
- **SHORT-STORAGE and REUSE:** For short-storage of used cans: unscrew applicator and clean-out applicator and valve-stem thoroughly using DAP® Foam Cleaner or acetone. To reuse, shake can thoroughly before re-spraying and follow the instructions as above.
- **DISPOSAL:** Product should be disposed of in accordance with applicable federal, provincial, and local regulations. Check with your local waste service for guidance.
- **IMPORTANT:** Check local building codes before applying this product



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Theoretical Yield / Output*	Up to 11 board ft**
*Theoretical yield is used as an industry standard to represent the size of spray foam kits. Theoretical yield calculations are performed in perfect laboratory conditions, without considering variations in application method and types. Actual output can be affected by a number of factors including application method, application type, temperature and humidity.	**A board foot is defined as a 12" x 12" square at 1" thick.
Tack Free	7 - 12 minutes
Trimable	45 minutes
Fully Cured	Typically 24 hours, depending on temp, humidity, foam thickness
Shelf Life	12 months
Product Conditioning Temp Range	21°C –29°C (70°C–85°F)
Application Temperature Range	5°C to 48°C (40°F to 120°F)
ASTM E84 Surface Burning Characteristics (Flame/Smoke)	10 / 450 @ 2.75" (69.9 mm)
ASTM D1622 Core Density	1.4 +/- .20pcf (22.4 +/- 3.20 kg/m <sup>3</sup> )
ASTM D6226 Closed Cell Content	>80%
ASTM E96 Water Vapour Transmission	4.1 perm-inch (234 ng/Pa s m <sup>2</sup> )
ASTM E2178 Air Permeance, 1"	<0.004 CFM / ft <sup>2</sup> (<0.02 L/s/m <sup>2</sup> )
ASTM D1623 Tensile Strength	12 psi (83 kPa)
Dimensional Stability, 158°F/97%RH	-3.3% vol
ASTM C1643 Volumetric Expansion	Up to 3 times
UL Classified Foamed Plastic	Listed, R1175

## SAFETY

See product label or Safety Data Sheet (SDS) for health and safety information. You can request an SDS sheet by visiting our website at [dap.ca](http://dap.ca) or by calling 888-DAP-TIPS.

## LIMITED WARRANTY

If product fails to perform when used as directed, call 888-DAP-TIPS for a replacement product or sales price refund. DAP Canada will not be responsible for incidental or consequential damages.

## COMPANY IDENTIFICATION



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

**Manufactured for:** DAP Canada, 475 Finchdene Square, Unit 5, Scarborough, ON, M1X 1B7

**Usage Information:** Call 888-DAP-TIPS or visit [dap.ca](http://dap.ca) & click on "Ask the Expert"

**Order Information:** 800-668-9397 or 416-321-1522

**Fax Number:** 416-321-3325

**Also visit the DAP website at [dap.ca](http://dap.ca)**

R 14175



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UNDERWRITERS  
LABORATORIES INC.  
CLASSIFIED FOAMED PLASTIC  
Surface Burning  
Characteristics  
Applied To Inorganic  
Reinforced Cement Board\*  
Flame Spread 10  
Smoke Developed 450

\*TESTED AS APPLIED AT FULL COVERAGE WITH A NOMINAL DENSITY OF 1.30 PCF AND HAVING A MAXIMUM THICKNESS OF 2.75 INCHES.

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