



# TECHNICAL DATA SHEET

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

## DAP® Touch 'n Foam® Professional Class I FR Spray Foam System (Low GWP) KITS 200 & 600 – for Sealant Use Only

### PRODUCT DESCRIPTION

DAP® Touch 'n Foam® Professional Class I FR Spray Foam System, Kits 200 and 600 (Low GWP) are portable, self-contained dispensing systems. These 2-component polyurethane spray foam kits are formulated to meet low Global Warming Potential (GWP) requirements and includes no HFC's. When used according to manufacturer's directions, these systems effectively air seal and help insulating homes and buildings. Spray Foam Kits are low pressure, permanent and dry in 60 seconds. Spray Foam Kits use disposable, pressurized chemical cylinders that dispense polyurethane spray foam, eliminating the need for external air compressors, pumping equipment or dry nitrogen. DAP Touch 'N Foam Professional Spray Foam bead-applied sealants provide quick and easy foam sealant application for repairs and renovations, new installations and production applications.

Kit includes Applicator, Nozzle, Gloves, Glasses and Wrench



200 Kit



600 kit

PACKAGING	CASE	COLOUR	UPC
<b>13.29 Kg Cylinders (200 Kit)</b>	1 kit	Cream	7565029200
<b>13.29 Kg Cylinders (600 Kit)</b>	1 kit	Cream	7565029600



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## KEY FEATURES & BENEFITS

- Complies with can-ulc-s711.1-11 (2018) and CAN/ULC S711.1-19 for Bead Applications CCMC 13600-L Evaluation Listing.
- Meets low Global Warming Potential requirements
- Contains no HFC's
- Foam dries in 60 seconds
- Resists moisture that can lead to mould or mildew
- Bonds to a variety of materials including wood, masonry, metals, and drywall
- Class A fire resistant formula.
- Low-pressure, closed cell, medium density spray foam Air Sealant
- Expands and cures quickly to air seal cavities, gaps, cracks, expansion joints, and other sources of air leakage.
- Airtight application improves heating and cooling efficiency — resulting in lower energy bills. Resists moisture that can lead to mould or mildew.
- Foam kits contain everything needed – ready to use
- Cured foam does not shrink or settle
- Reduces vibration and sound transmission
- Low-odour formulation
- Easy to transport
- Low maintenance
- Increases structural strength
- 12 months shelf life

## SUGGESTED USES

### Use to seal sources of air leakage in :

- |                                     |                |
|-------------------------------------|----------------|
| • Stud wall cavities (bead applied) | • Crawl spaces |
| • Rim joists                        | • Foundations  |
| • Basements                         | • Ducting      |
| • Attics                            |                |

## FOR BEST RESULTS

- Apply in temperatures between 16 °C – 32 °C (60 °F – 90 °F)
- Surface must be clean, dry, and free of all foreign material for adhesion

## 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 be clean, dry, and free of all foreign material. All substrate surfaces should be clean/dry and above 16 °C (60 °F) prior to application. Variance outside of the recommended



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temperature can drastically affect the adhesion and yield of your foam kit. **Application:** Refer to “2-Component Polyurethane Spray Foam Instructions for Use” found inside the product carton.

**IMPORTANT: CHECK 3 TEMPERATURES.**

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Low temperatures can affect foam performance.

CHEMICALS	SURFACES	AIR
↑ 70°F/21°C (70°-90°F/21°-32°C)	↑ 60°F/16°C (60°-90°F/16°-32°C)	↑ 60°F/16°C (60°-90°F/16°-32°C)

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Theoretical Yield / Output* (200/600)	Up to 18.88 m <sup>2</sup> @ 25 mm (200 board feet) Up to 56.64 m <sup>2</sup> @ 25mm (600 board feet)
Dry Time/ Tack Free	30 - 60 seconds
Cure Time	Approx. 1 hour
Shelf Life	12 months. Use by date on box
Application Temperature Range	16° C ~ 38°C (60° F - 100° F)
Cutable	5 minutes
ASTM E84 Surface Burning Characteristics (Flame/Smoke)	15 / 400 @ 50 mm (2")
CAN/ULC S102 Surface Burning Characteristics (Flame Spread Index/Smoke Development)	12 /160 @ 100 mm x 50 mm (4"x2") full length band
ASTM D1622 Density Core in-place	28.0 +/- 4.0 kg/m <sup>3</sup> (1.75 +/- .25 pcf) 33.0 +/- 4.0 kg/m <sup>3</sup> (2.06 +/- .25 pcf)
ASTM D 6226 Closed Cell Content	97.5%
ASTM D 2126 Dimensional Stability, %Vol @ -20 °C (-4 °F) @ 70 °C (158 °F) 97% RH	-0.2 +3.2
ASTM D1623 Tensile Strength Elongation	167 KPa (24.2 psi) 9%
ASTM D1621 Compressive Strength	214 kPa (31.0 psi)
ASTM E96 Water Vapor Transmission	47.4 ng/Pa s m <sup>2</sup> (0.83 perm @ 2")
CAN/ULC S774 Volatile Organic Emissions (Time to occupancy)	Pass Minimum 25 hour
International Residential Code	Compliant
ASTM C518 Aged R-Value, 1" / 2"	6.6 / 13.3



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CAN/ULC S770 Long Term Thermal Resistance $^{\circ}\text{F}\cdot\text{ft}^2\cdot\text{h}/\text{BTU}$ ( $\text{m}^2\cdot\text{K}/\text{W}$ )	100 mm: 4.50 (4 inch: 6.50/in) 75 mm: 3.28 (3 inch: 6.30/in) 50 mm: 2.18 (2 inch: 6.29/in) 25 mm: 1.05 (1 inch: 6.04/in)
ASTM E2178 Air Permeance	<0.02 L/s/m <sup>2</sup> (<0.004 CFM / ft <sup>2</sup> )
Durability Performance, ASTM E2178, air permeation after aging	Wood window: 0.02 L/s/m <sup>2</sup> (0.004 CFM / ft <sup>2</sup> ) PVC window: 0.03 L/s/m <sup>2</sup> (0.006 CFM / ft <sup>2</sup> )
California Bureau of Home Furnishings & Insulation	Listed
CCMC Listing	CCMC 13600-L (See CCMC Annex for further details)
ICC Evaluation Service Listed	ESR 3052

\*A board foot is defined as a 30.5 cm x 30.5 cm (12" x 12") square at 2.5 cm (1") thick. Actual output can be affected by a number of factors including temperature and humidity. The theoretical yield has become an industry standard for identifying certain sizes of 2-component kits. Theoretical yield calculations are performed in perfect laboratory conditions, without taking into account the loss of blowing agent or the variations in application method and types.

## CLEAN UP & STORAGE

Store unused portion by bending straw back & attaching to the knob atop dispensing trigger. Store can upright below 33 °C & above freezing temperature. Product can be reused within three weeks if stored properly. To reuse, cut the end off straw (removing any cured foam), shake well & apply as directed above.

## SAFETY

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

## WARRANTY

DAP Canada, DAP Products Inc. and their respective affiliates will not accept liability for more than replacement product or sales price refund under any circumstances.



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## COMPANY IDENTIFICATION

**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)**