



# TECHNICAL DATA SHEET

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

## DAP® TOUCH ‘n SEAL® Low GWP 1.75 PCF Standard Spray Foam – Cream

### PRODUCT DESCRIPTION

DAP® Touch ‘n Seal® Low GWP 1.75 PCF Standard Spray Foam is a two-component foam formula, available in a variety of low-pressure dispensing units. DAP Low Global Warming Potential (GWP) products are specially formulated to offer excellent thermal insulation properties while meeting low GWP requirements that aim to reduce the amount of HFC’s into the atmosphere. When used according to manufacturer’s directions, 1.75 PCF provides closed cell rigid polyurethane foam with ASTM E-84 Class A fire resistance.



| PACKAGING    | Case | COLOR | SKU        |
|--------------|------|-------|------------|
| Foam Kit 200 | 1    | Cream | 7565042200 |
| Foam Kit 600 | 1    | Cream | 7565042600 |

### KEY FEATURES & BENEFITS

- LGWP formulation. Complies with all State HFC regulations
- Low-pressure, closed cell, medium density spray foam insulation
- Saves energy and increases comfort by reducing air drafts
- Foam kits contain everything needed – ready to use
- Cured foam does not shrink or settle
- Fast cure
- Closed cell structure
- Reduces mechanical vibration and sound transmission
- Low-odor formulation
- Easy to transport
- Low maintenance
- Increases structural strength
- 12 month shelf life



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## SUGGESTED USES

### USE TO FILL AND SEAL:

- Stud cavities
- Rim joists
- Attics
- Crawlspace
- Basements
- Foundation walls

## FOR BEST RESULTS

- Apply in temperatures between 60°F - 90°F
- Chemical contents must be between 70°F - 90°F before dispensing
- Substrate surface temperatures should be between 60°F - 90°F
- Surface must be free of oil and dirt for adhesion
- Store upright below 90° F (33°C).

## APPLICATION

**DIRECTIONS: Important – read all directions and cautions before use. Always wear gloves, eye protection and work clothes. Use drop cloths. Always refer to local building codes prior to**

**Preparation / Application:** Please refer to Operating Instructions found inside the product packaging or call Customer Service at 888-DAP-TIPS. Surfaces to be sprayed must be dry, clean, and free of dust, dirt, grease, and other substances that may inhibit proper adhesion.

**IMPORTANT: CHECK 3 TEMPERATURES.**

| IMPORTANT: CHECK 3 TEMPERATURES.<br>Low temperatures can affect foam performance. |                                    |                                    |
|---|------------------------------------|------------------------------------|
| CHEMICALS   | SURFACES                           | AIR                                |
| ↑ 70°F/21°C<br>(70°-90°F/21°-32°C)  | ↑ 60°F/16°C<br>(60°-90°F/16°-32°C) | ↑ 60°F/16°C<br>(60°-90°F/16°-32°C) |

**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. Do not attempt to remove cured solvents. 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 & Disposal.** Keep container tightly closed in a cool, well-ventilated area. Store upright below 90° F (33°C) to preserve product shelf-life. Do not expose containers to temperatures above 120°F (49°C) or conditions that may damage, puncture, or burst the containers. Dispose of leftover material / containers in accordance with federal, state, and local regulations. See SDS for more information.



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## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

|  |  |
|--|--|
| Shelf Life   | 12 months; unopened container              |
| Tack Free Time   | 30 – 60 seconds                            |
| Fully Cured  | Approx. 1 hour                             |
| Cutable  | 5 minutes                                  |
| ASTM D1621 Compressive Strength  | 23 psi (159 kPa)                           |
| ASTM E96 Water Vapor Transmission  | 1.17 perm @2" (68 ng/Pa s m <sup>2</sup> ) |
| ASTM E2178 Air Permeance, @1"  | <0.004 CFM / ft2 (<0.02 L/s/m2)            |
| ASTM C518 R-Value (@ 1" / 2")  |  |
| - Initial  | 7.17 / 14.34                               |
| - Aged   | 6.4 / 12.8                                 |
| ASTM D1622 Density   |  |
| - (Core)   | 1.75 +/- .25pcf (28.0 +/- 4.0kg/m3)        |
| - (in place)   | 2.06 +/- .25pcf (33.0 +/- 4.0kg/m3)        |
| ASTM D6226 Closed Cell Content   | 95%  |
| ASTM D1623 Tensile Strength  | 50 psi (345 kPa)                           |
| ASTM D 2126 Dimensional Stability 158°F 97%RH 14 days  | 10 % vol                                   |
| International Residential Code   | Compliant                                  |
| ASTM E84 Surface Burning Characteristics 2" thickness (Flame / Smoke)  | 5/350                                      |
| Yield Bd ft.*  |  |
| Foam Kit 200   | 200  |
| Foam Kit 600   | 600  |
| *Theoretical yield is used as an industry standard to represent the size of two-component foam kits. The calculation is based upon ideal conditions, does not include blowing agent loss, and may vary according to application method or environmental factors. |  |

## 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](http://dap.com) or calling 888-DAP-TIPS.

## 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 Global Inc. will not be responsible for incidental or consequential damages.



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## COMPANY IDENTIFICATION

**Manufacturer:** DAP Global Inc., 2400 Boston Street, Suite 200 Baltimore, Maryland 1224

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

**Order Information:** 800-327-3339 or [orders@dap.com](mailto:orders@dap.com)

**Fax Number:** 410-558-1068

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

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|  |   |
|--|---|
| <b>Conforms to ASTM E84 Surface Burning Characteristics+</b>                                 | <b>Cumple con características de combustión de superficie según ASTM E84 +</b>                                |
| Flame Spread Index: 15   | Índice de dispersión de la llama: 15  |
| Smoke Developed: 400   | Humo generado: 400  |
| + Tested as applied to inorganic reinforced cement board at 2 inches thick and full coverage | + Prueba en aplicación sobre placa de cemento inorgánico reforzado, de 2 pulgadas de grosor, cobertura total. |