



# TECHNICAL DATA SHEET

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

## DAP® FIRE BREAK FOAM SEALANT— Orange

### PRODUCT DESCRIPTION

DAP® Fire Break™ is a flame-resistant all-purpose, Class A fire-retardant foam sealant that exceeds testing

standards. Fire Break is self-extinguishing and works by eliminating oxygen flow in service penetrations, where fire spreads most quickly.



Approved Fire Block Formula (ICC-ES ESR-1926)

PACKAGING	COLOR	UPC
4540g (16oz) Can	Orange	7565040016

### KEY FEATURES & BENEFITS

- Flame resistant, all-purpose foam sealant
- Fills & seals service penetrations



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- Blocks air infiltration reducing flame spread into walls and ceilings
- Self-extinguishing formula
- V-0 rated for UL94 Flammability Test
- Excellent performance in UL-1715 tests and modified ASTM E-814
- Thermal Barrier not required per ICC ESR 1926
- Easily identifiable orange color
- Ideal for HVAC, Plumbing & Electrical Applications

## SUGGESTED USES

### USE TO FILL AND SEAL:

- Through-penetration (HVAC, Electrical, Plumbing, etc.)
- Through-penetrations or joints where fire blocking foam sealant is specified
- 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- 100°F
- Surface must be clean, dry, and free of all foreign material .
- 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.

**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 about ¼ 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



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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 & re-start up to 3 weeks later.** To store unused portion, bend straw back onto the knob atop the dispensing trigger. Store can upright below 33°C (90° F) and above freezing conditions. Product can be re-used 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.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Yield per can @9.5mm (3/8") Bead diameter	124 linear meter (409 linear feet)
Dry Time/ Tack Free	10 minutes
Cure Time	1 hour
Shelf Life	18 months
Application Temperature Range	16 ~ 38°C ( 60 to 100°F)
UL-94 Flammability Rating	V-0
UL-1715 Fire Test of Interior Finish Material	Pass
ASTM E 814 Fire Tests of Through-Penetration Fire Stops (Modified for Fireblocks)	Pass
Applicable Standards ICC-Evaluation Services (ICC-ESR-1926)	Approved
ASTM C-518 R-Value	4.5 per 25 mm (per inch)
ASTM D-1621 Compressive Strength	76 KPa (11 psi)
ASTM D-1622 Density	21-29 kg/m <sup>3</sup> (1.3-1.8 pcf)
ASTM D-1623 Tensile Strength	179 kPa (26 psi )
ASTM D 6226 Closed Cell Content	77%
International Building Code	Compliant
International Residential Code	Compliant
California Bureau of Home Furnishings and Insulation	Compliant

## SAFETY



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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

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.

## 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)**



UNDERWRITERS LABORATORIES INC. CLASSIFIED CAULKING AND  
SEALANT Surface Burning Characteristics

Applied To Inorganic Reinforced Cement Board\*

Flame Spread 5

Smoke Developed 35

ULC S102 TESTED AS APPLIED IN TWO 31.5 MM DIAMETER BEADS 200  
MM OC COVERING 14 PERCENT OF THE EXPOSED TEST SAMPLE AREA