



# TECHNICAL DATA SHEET

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

## DAP® FIRE BREAK® FIRE BLOCK FOAM SEALANT - Orange Color

### PRODUCT DESCRIPTION

DAP® Fire Break® is a flame-resistant all-purpose, Class 1 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
12 oz (340g) Can	Orange	7565010012

### KEY FEATURES & BENEFITS

- Flame resistant, all-purpose foam sealant
- Fills & seals service penetrations
- Blocks air infiltration reducing flame spread into walls and ceilings
- Self-extinguishing formula
- V-0 rated for UL94 Flammability Test
- Excellent performance in UL-175 tests and modified ASTM E-814



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- Easily identifiable orange color
- Ideal for HVAC, Plumbing & Electrical Applications
- Stop & restart adapter plus extra straw for more projects and extended reusability

## 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 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.

**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, sanded, caulked or plastered 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



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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 6 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. Second straw provided for total reusability up to 6 weeks.

## TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Yield per can (3/8" bead)	409 linear feet
Dry Time/ Tack Free	10 minutes
Cure Time	1 hour
Shelf Life	18 months
Application Temperature Range	60°F to 100°F (16°C ~ 38°C)
UL94 Flammability Rating	V-0
Applicable Standards ICC-Evaluation Services (ICC-ESR-1926)	Approved
ASTM C-518 R-Value	4.5 /in (25 mm)
ASTM D-1621 Compressive Strength	11 psi
ASTM D-1622 Density	1.3-1.8 PCF
ASTM D-1623 Tensile Strength	26 psi
ASTM D-2856 Closed Cell Content	77%
International Building Code	Compliant
International Residential Code	Compliant
California Bureau of Home Furnishings and Insulation	Compliant

## 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.



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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](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)**

R14175  
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UNDERWRITERS LABORATORIES INC.  
CLASSIFIED CAULKING AND SEALANT  
Surface Burning Characteristics  
Applied To Inorganic Reinforced  
Cement Board\*  
Flame Spread 5  
Smoke Developed 0

\*TESTED AS APPLIED IN THREE 1/2" DIAMETER  
BEADS 5" ON CENTER COVERING 8.3% OF THE  
EXPOSED TEST SAMPLE AREA.