

FireStopTB™

RockWool Thermal Barrier over Foam



NFPA 275 Tested and Approved as a True Thermal Barrier over open and closed cell foam plastic insulation.

1 1/2" of FireStopTB over Foam is equivalent to 1/2" gypsum wallboard.

Unlike any other Thermal Barrier, FireStopTB adds a Sound Absorbing Acoustical Layer which can be tinted to any color using ProCoustic Coating.

The Time-Tested Effectiveness and Efficiency of RockWool Insulation Providing Confidence and Safety.



Creating Rock-Solid Solutions, Protecting Your Environment

- Most Cost Effective Product On The Market Today
- Additional 6.2 R-Value at 1.5 Inches
- Universal Code Approvals, Unsurpassed Fire Protection
- Can Reduce Smoke Associated with Foam By 90%
- Improved Indoor Air Quality – Resists Mold, Mildew & Fungus



AMERICAN ROCKWOOL MANUFACTURING, LLC
Manufacturer of Premium Rockwool Products
Insulation * Acoustical * Cryogenic * Horticultural Wools

DESCRIPTION:

FireStopTB™ is a high quality RockWool mineral fiber manufactured in a granular form. This product is fireproof, soundproof, moisture resistant, non-corrosive, non-deteriorating, mildew-proof, vermin-proof and is the “greenest” insulation on the planet today. With successful completion of both Part 1 & Part 2 of the NFPA 275 – Standard Method of Fire Tests for the Evaluation of Thermal barriers Used over Foam Plastic Insulation, **FireStopTB™**, a spray applied RockWool, is now classified as a thermal barrier over foam plastic insulation per the 2012 IBC. Not only does **FireStopTB™** ensure fire protection but it provides excellent sound absorption with some of the highest NRC and STC ratings in the industry.

INSTALLATION:

Install **FireStopTB™** using approved pneumatic equipment. The equipment must be fitted with an auxillary high pressure liquid line designed to uniformly disperse FST Overhead Adhesive using 400050 spray tips at 200psi and moisture content should not to exceed 15% - 18%. FST Overhead Adhesive is REQUIRED for the installation of **FireStopTB™** and NO substitutions are permitted. **FireStopTB™** must be sprayed using only approved materials and equipment in accordance with the current installation instructions.

PRODUCT DATA:


FireStopTB™ Insulation is packaged in 30 lb. bags and should be stored under roof in a dry location. Rotate stock periodically and do not stack more than 11 bags high.

Technical Data:		Tested to ASTM C 518		Tested to ASTM 84	
Thickness	Nominal Density	R-Value	Flame Spread	Smoke Development	
1 1/2"	6 pcf	6.2	0	5	

Standard Compliance:

- ASTM E 136 Non-Combustible (Fireproof)
- NFPA 275 Fire Tests for the Evaluation of Thermal Barriers over Foam Plastic Insulation
 - Part 1 & 2 Time-Temp-limits Rise of Temp <250° F in 15 min.
 - NFPA 286 15 Minute Corner Room Burn Test
 - ASTM E 605 Standard Test Method for Thickness and Density
 - ASTM E 736 Standard Test for Adhesion/Cohesion-Min 200 psf
 - ASTM E 759 Standard Test for Deflection (PASS)
 - ASTM E 859 Test for Air Erosion-.1 gram loss over 24 hr period
 - ASTM C 423 NCR Rating of .85 at 1.5"
 - ASTM C 1014 Specification for Spray Applied Mineral Fiber
 - ASTM C 553 Moisture Absorption (PASS)
 - ASTM C 665 Non-Corrosive (PASS)
 - ASTM C 1338 Mold & Fungus Resistance (PASS)
 - UL Classified R14191





60% Recycled Content 40% Sustainable

- Energy & Atmosphere
- Materials & Resources
- Indoor Environmental Quality
- Innovation in Design

Up to 31 LEED Credits in 4 Categories

Money Savings Options using **FireStopTB:**

Open Cell Spray Foam with Thermal Barrier Paint

5.5" (R-Value of 19.8) of open cell spray foam \$.83 sq. ft.
 Thermal Barrier Paint (R-Value of 0) \$.95 sq. ft.
 Total Material Cost for R-Value of 19.8 \$1.78 sq. ft.

Open Cell Spray Foam with **FireStopTB**

4" (R-Value of 14.4) \$.60 sq. ft.
FireStopTB (R-Value of 6.2) \$.44 sq. ft.
 Total Material Cost for R-Value of 20.6 \$1.04 sq. ft.

NET RESULTS: Greater R-Value for 42% Less Cost or \$.74 per sq. ft.

Closed Cell Spray Foam with Thermal Barrier Paint

3" (R-Value 19.2) of closed cell spray foam \$1.50 sq. ft.
 Thermal Barrier Paint (R-Value of 0) \$.95 sq. ft.
 Total Material Cost for an R-Value of 19.2 \$2.45 sq. ft.

Closed Cell Spray Foam with **FireStopTB**

2" (R-Value) of closed cell spray foam \$.1.00 sq. ft.
FireStopTB (R-Value of 6.2) \$.44 sq. ft.
 Total Material Cost for an R-Value of 19.2 \$1.44 sq. ft.

NET RESULTS: Same R-Value for 41% Less Cost or \$1.01 per sq. ft.

Price is based on national average. Material cost will vary by region

NFPA Testing was conducted by Intertek Testing Service NA, Inc. Elmendorf, Texas