FireStop*TB*TM

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 **FireStop***TB* 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:

FireStop*TB*TM 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, **FireStop***TB*TM, a spray applied RockWool, is now classified as a thermal barrier over foam plastic insulation per the 2012 IBC. Not only does **FireStop***TB*TM ensure fire protection but it provides excellent sound absorption with some of the highest NRC and STC ratings in the industry.

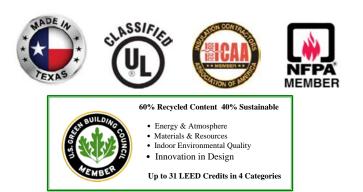
INSTALLATION:

Install **FireStop***TB*TM 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 **FireStop***TB*TM and NO substitutions are permitted. **FireStop***TB*TM must be aprayed using only approved materials and equipment in accordance with the current installation instructions.

PRODUCT DATA:

FireStopTBTM 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	R-Value	Flame	Smoke
	Density		Spread	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
Part 1 & 2	over Foam Plastic Insulation
ASTM E 119	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 Erosion1 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

Money Savings Options using **FireStop***TB*:

Open Cell Spray Foam with Thermal Barrier	Open Cell Spray Foam with FireStop <i>TB</i>						
5.5" (R-Value of 19.8) of open cell spray foam	\$.83 sq. ft.	4" (R-Value of 14.4)	\$.60 sq. ft.				
Thermal Barrier Paint (R-Value of 0)	\$.95 sq. ft.	FireStop <i>TB</i> (R-Value of 6.2)	\$.44 sq. ft				
Total Material Cost for R-Value of 19.8	\$1.78 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 Barrie	Closed Cell Spray Foam with FireStop <i>TB</i>						

3" (R-Value 19.2) of closed cell spray foam	\$1.50 sq. ft.	2" (R-Value) of closed cell spray foam	\$.1.00 sq. ft.
Thermal Barrier Paint (R-Value of 0)	\$.95 sq. ft.	FireStop <i>TB</i> (R-Value of 6.2)	\$.44 sq. ft.
Total Material Cost for an R-Value of 19.2	\$2.45 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