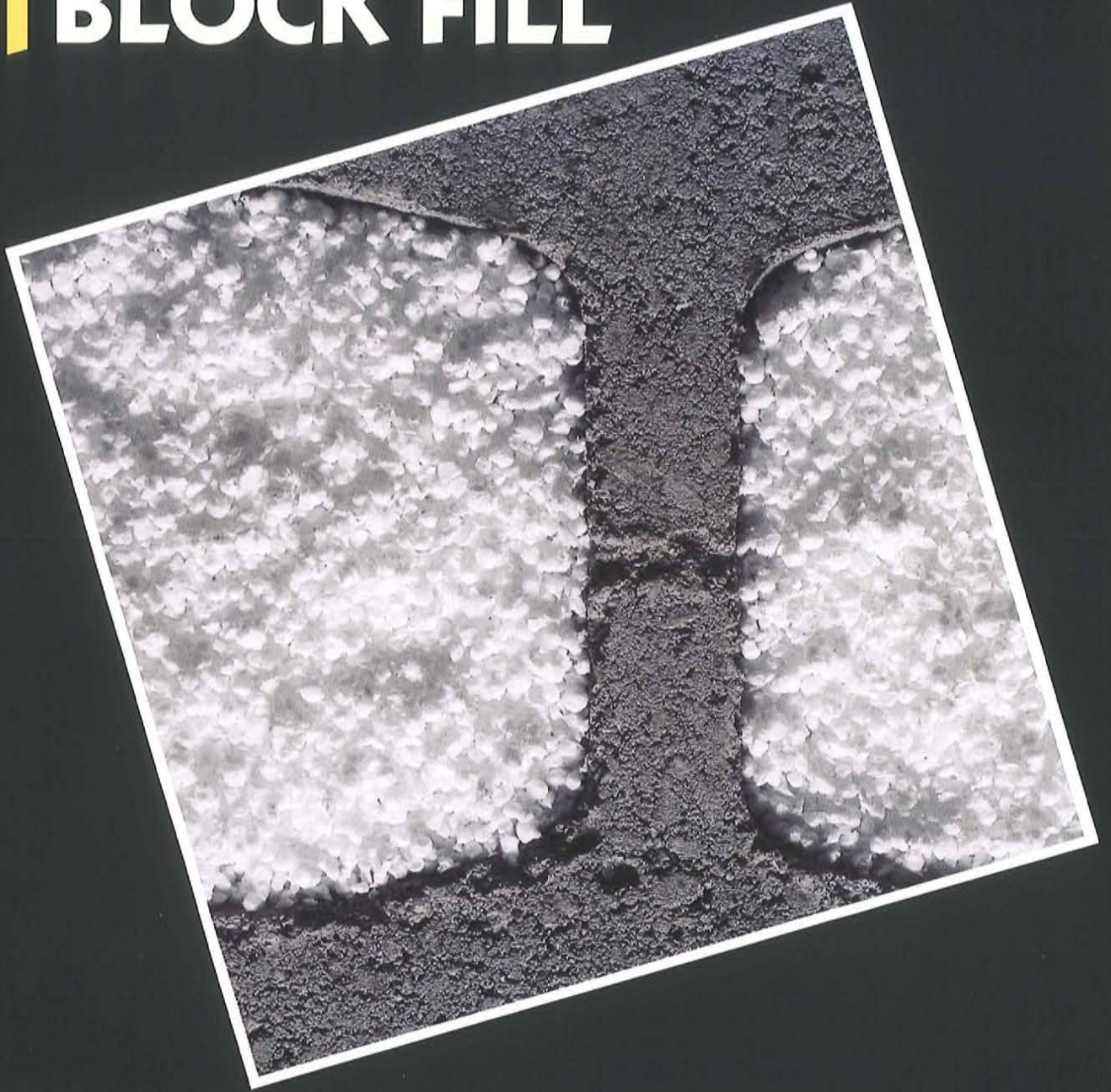


MASONRY BLOCK FILL



WE ARE PLEASED TO INTRODUCE THE FOLLOWING INFORMATION
CONCERNING EXPANDED POLYSTYRENE EPS MASONRY BLOCK FILL.

MASONRY BLOCK FILL

ADVANTAGES OF EPS BLOCK FILL:

- 1.) EXCELLENT THERMAL RESISTANCE. THE INSTALLED R-VALUE OF EPS MASONRY BLOCK FILL IS HIGHER THAN THAT OF OTHER COMMONLY USED MATERIALS. (SEE CHART)
- 2.) EPS BLOCK FILL GENERALLY COSTS 50-60% LESS THAN THE COMMONLY SPECIFIED LOOSE FILL INSULATIONS.
- 3.) EPS MASONRY BLOCK FILL WILL NOT PICK UP MOISTURE. WHEN TESTED, EPS SHOWS ZERO CAPILLARITY.
- 4.) CLEANER AND EASIER TO USE.
- 5.) ARCHITECTS ACCEPT EPS MASONRY FILL AS AN ALTERNATE.
- 6.) MEETS ALL LOCAL AND MODEL BUILDING CODES WHEN PROPERLY INSTALLED. FLAME SPREAD AND SMOKE DEVELOPMENT RATINGS PER THERMAL FOAMS/U.S. TESTING CO. INC. TEST REPORT #88288.

NOTE — AS A REMINDER, THERMAL FOAMS, INC. RECOMMENDS FILLING BLOCKS AT 6-7 COURSE INTERVALS TO INSURE PROPER AND COMPLETE FILL.

TYPICAL THERMAL VALUES OF EPS MASONRY BLOCK FILL:

BLOCK TYPE	NO INSULATION	INSULATED
6" LIGHTWEIGHT.	U = 0.37/R = 2.70.	U = 0.18/R = 5.55
8" LIGHTWEIGHT.	U = 0.34/R = 2.94.	U = 0.13/R = 7.69
8" MEDIUM.	U = 0.41/R = 2.43.	U = 0.25/R = 4.0
8" SAND/GRAVEL.	U = 0.52/R = 1.92.	U = 0.33/R = 3.03
12" LIGHTWEIGHT.	U = 0.29/R = 3.44.	U = 0.09/R = 11.11
12" SAND/GRAVEL.	U = 0.50/R = 2.0.	U = 0.22/R = 4.54

NOTE — VALUES BASED ON 2-CAVITY BLOCK; CALCULATIONS INCLUDE ALLOWANCE FOR RADIATION AND CONVECTION FACTORS. VALUES FOR 8" MEDIUM BLOCK SUBSTANTIATED BY TESTS IN ACCORDANCE WITH ASTM C236.

DETAILED TESTING DATA AVAILABLE UPON REQUEST.

COVERAGE PER 15 CUBIC FOOT BAG OF EPS BLOCK FILL:

- 8" BLOCK APPROX. 65 BLOCKS/BAG OR APPROX. 70 SQ. FT. OF WALL AREA
- 10" BLOCK APPROX. 55 BLOCKS/BAG OR APPROX. 60 SQ. FT. OF WALL AREA
- 12" BLOCK APPROX. 45 BLOCKS/BAG OR APPROX. 50 SQ. FT. OF WALL AREA

WARNING: THIS PRODUCT IS COMBUSTIBLE AND SHOULD NOT BE EXPOSED TO FIRE OR FLAME. THIS PRODUCT SHOULD BE HANDLED AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.



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