

EPS Product Testing

TEST	ASTM E108	ASTM E119	ASTM C518	ASTM C203	ASTM C2550
TEST NAME	SURFACE BURNING CHARACTERISTICS	FIRE TESTS OF BUILDING CONST. & MATERIALS	THERMAL TRANSMISSION (R-VALUE)	FLEXUAL STRENGTH	TRUENESS & SQUARENESS
CROSS REFERENCED TESTS	UBC 8-1 UL 723	UBC7-1 UL 263			
INSULFOAM TYPE I, VIII, II & IX EPS	FLAME SPREAD – 20 SMOKE DEVELOPED 150-300 INSULFOAM EPS ALL DENSITIES to 5"	ACCEPTABLE IN MANY UL DESIGNS FOUND IN THE UL FIRE RESISTANCE DIRECTORY	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	LENGTH ± 0.03 in/ft. of length WIDTH ± 0.06 in/ft. of width THICKNESS ± 0.06 in. SQUARENESS ± 0.06 in/ft. of length or width
INSULFOAM PANEL CORE TYPE I EPS	FLAME SPREAD – 15 SMOKE DEVELOPED 150-325 INSULFOAM EPS 5+” TO 12”	ACCEPTABLE IN MANY UL DESIGNS FOUND IN THE UL FIRE RESISTANCE DIRECTORY	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	LENGTH ± 0.03 in/ft. of length WIDTH ± 0.06 in/ft. of width THICKNESS ± 0.06 in. SQUARENESS ± 0.06 in/ft. of length or width
INSULFOAM IEG EIFS GRADE SINGLCOAT EPS ARCHITECTUAL SHAPES	FLAME SPREAD – 20 SMOKE DEVELOPED 150-300 INSULFOAM EPS ALL DENSITIES to 5"	ACCEPTABLE IN MANY UL DESIGNS FOUND IN THE UL FIRE RESISTANCE DIRECTORY	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	TESTED VALUES MEET OR EXCEED VALUES LISTED IN ASTM C578	LENGTH ± 0.03 in/ft. of length WIDTH ± 0.06 in/ft. of width THICKNESS ± 0.06 in. SQUARENESS ± 0.06 in/ft. of length or width
TEST	ASTM C165	ASTM C303	ASTM E96	ASTM C272	ASTM D2863
TEST NAME	COMPRESSIVE RESISTANCE	DENSITY	WATER VAPOR TRANSMISSION	WATER ABSORPTION	OXYGEN INDEX
CROSS REFERENCED TESTS	UBC 8-1 UL 723	UBC7-1 UL 263			
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