

Thermal-Pruf™ Material Characteristics

Test	Test Standard	Result	Conducted By
Sound Absorption Dry Density	ASTM C423-84A, E795 ASTM E605	NRC .50 to 1.1 10 lb. ft.	Riverbank Acoustical Labs
Sound Transmission Dry Density	ASTM E90-85 ASTM 413-73 ASTM E605	Single Wall to STC 54 Double Wall to STC 61 Floor Const to STC 54 10 lb. ft.	Riverbank Acoustical Labs
Light Reflectance	ASTM C523-68	.75	Riverbank Acoustical Labs
Surface Burning Characteristics	ASTM E84-84 ANSI 2.5, NFPA 255, UBC 42-1, UL 723	Flame Spread 0 Fuel Contributed 0 Smoke Developed 0	Commercial Testing Co.
Fungus	ASTM C738 UMB 80	Passed	Commercial Testing Co.
R-Value Dry Density	ASTM C518-76 ASTM E605	R 3.8 per inch dependant on density	Commercial Testing Co.
Thermal Conductivity	ASTM C518-76	K = .26	Commercial Testing Co.
Moisture Absorption	ASTM C739 UMB 80	7.0% by weight	Commercial Testing Co.
Corrosive	ASTM 739 UMB 80	Non corrosive on copper, steel, aluminum	Commercial Testing Co.
Corrosiveness	ASTM E937	Non corrosive on bare steel, galvanized steel, shop coated steel	United States Testing
Odor Emission	ASTM C739 UMB 80	Passed	Commercial Testing Co.
Bond Strength	ASTM E736 UMB 80	Greater that 150 lbs. ft.	Commercial Testing Co.
Bond Deflection	ASTM E759	No delamination No cracking	Commercial Testing Co.
Air Erosion	ASTM E859 UMB 80	0.025 g. ft.	Commercial Testing Co.
Combustibility	ASTM E136	Non combustible	Commercial Testing Co.