

## Dendamix™ Fireproofing Material Characteristics

### FIREPROOFING MATERIAL CHARACTERISTICS

Compressive Strength	ASTM E761	Compressive Strength 39.25psi
Indentation Hardness	ASTM C569	Indentation Hardness .039"
Bond Impact	ASTM E760	No delamination No cracking
Corrosiveness	ASTM E937	Non-corrosive on bare steel, shop coated steel, galvanized steel
Corrosiveness	ASTM C739 UMB-80	Non-corrosive on copper, steel aluminum
Bond Strength	ASTM E736 UMB-80	Greater than 357 lbs./ft. <sup>2</sup>
Bond Deflection	ASTM E759 UMB-80	No delamination No cracking
Air Erosion	ASTM E859 UMB-80	Less than 0.025 g/ft. <sup>2</sup>

### ADDITIONAL TEST DATA

R-Value	ASTM C518-76	R-3.0 TO 3.5 per inch dependent on density
Dry Density	ASTM E605	
Thermal Conductivity	ASTM C518-76	K = .33-.28
Sound Absorption	ASTM C423-84a, E795	NRC .50 TO 1.1
Dry Density	ASTM E605	10 LB./FT. <sup>3</sup>
Sound Transmission	ASTM E90-85 ASTM 413-73	Single wall to STC 54 Dbl. wall to STC 61 FLoor const to STC 54
Dry Density	ASTM E605	10 lb./ft. <sup>3</sup>
Light Reflectance	ASTM C523-68	.75
Fungus	ASTM C739 UMB-80	Passed
Odor Emission	ASTM C739 UMB-80	Passed
Moisture Absorption	ASTM C739 UMB-80	7.0% by weight
Combustibility	ASTM E136	Non-cumbustible
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