



ACOUSTECH

Acoustical Performance

Mineral Wool Core w/ FR701 Fabric	Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
	2"	0.19	0.84	1.11	1.15	1.08	1.08	1.05
	4"	0.76	1.03	1.10	1.11	1.04	1.08	1.05

	Performance	Test Standard
Compliance	Mineral Fiber Block and Board Thermal Insulation - Type IVA Compliant	ASTM C612
Reaction to Fire	Flame spread index = 0 ; Smoke development index = 0 Test for Non-Combustibility - Non Combustible Hot Surface Performance - 1200°F	ASTM E84 (UL 723) ASTM E136 ASTM C411
Density	Actual Density - 6 lbs/ft ³ (64 kgs/m ³)	ASTM C303
Dimensional Stability	Linear Shrinkage - <1% @ 1200°F	ASTM C356
Corrosion Resistance	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel - Passed Corrosion of Steel - Passed	ASTM C795 ASTM C665
Thermal Resistance	R-Value / inch @ 75oF RSI value / 25.4mm @ 24oC	4.2 hr.ft ² .F/Btu 0.74 m ² K/W ASTM C518 (C177)
Reaction to Moisture	Moisture Sorption - 0.03% Determination of Fungi Resistance - Passed	ASTM C1104 ASTM C1338
Compressive Strength	90psf (4.3kPa) @ 10% compression 225psf (10.8kPa) @ 25% compression	ASTC C165
Air Erosion	Maximum Air Velocity 1000 fpm (5.08 m/s)	UL 181
Thickness	Product is available in 2", 4" and 6"	