

Advanced Acoustics

Specification

		Test Method
Density	> 90 kg/M3	BS EN ISO 845
Colour	Dark Grey	
Thickness	25mm to 100mm	
Fire Propagation Index	< 12	BS 476 pt 6
Surface Spread of Flame	Class "1"	BS 476 pt 7
Building Regs. 1991 (Fire Safety)	Class "0"	BS 476 pt 6 & pt 7
Operating Temperature	-30 to 100°C	
UL94 Classification	94 V-0	UL 94
Surface Burning Behaviour	Class A	ASTM E84-95
Air Erosion Resistance (4001 – 6000 fpm)	Pass	ASTM C1071-91 12.7
Fungus Resistance Test	Does not support growth	ASTM G 21
Mildew (Fungus) Resistance	Does not support growth	ASTM D-2020
Water Vapour Sorption	<9%	ASTM C553-92
Thermal Conductivity	0.364 Btu-in./hr-ft ² -°F	ASTM C518-91
Corrosiveness (galvanised steel)	Pass	ASTM C665-95
Hot Surface Performance @ 100°C 96hr	Pass	ASTM C411-97

Acoustic Performance Information

Sound Absorption @ 25mm (Normal Incidence)	NRC > 0.40
Sound Absorption @ 25mm (Random Incidence)	NRC > 0.50
Sound Absorption @ 50mm (Random Incidence)	NRC > 0.78