

Technical Data Sheet Fireseal / Acoustic Foam

TECHNICAL DETAILS	Test Method	
Density	>90kg/m ³	BS EN ISO 845
Colour	Dark Grey	
Thickness	6mm – 50mm	
Fire Propagation Index	<12	BS 476 pt 6
Surface Spread of Flame	Class 1	BS 476 pt 7
Building Regulations Paragraph A13 (b)	Class 0	BS 476 pt 6 & 7
Approved Document B		
Operating Temperature	-30 to 100°C	
UL94 Classification	94 V-0	UL94
Surface Burning Behaviour	Class A	ASTM E84-95
Air Erosion Resistance	Pass	ASTM C1071-05 12.7
Fungus Resistance Test	Does not support growth	ASTM G21-96
Mildew (Fungus) Resistance	Does not support growth	ASTM D-2020-92
Water Vapour Sorption	<9%	ASTM C553-92
Thermal Conductivity	0.382 Btu-in/hr-ft°F	ASTM C518-04
Corrosiveness (galvanised steel)	Pass	ASTM C665-95
Hot Surface Performance @ 100°C 96hr	Pass	ASTM C411-04

Acoustic Performance Information

Sound Absorption @ 12mm (Random Incidence) NRC- 0.25
 Sound Absorption @ 25mm (Random Incidence) NRC- 0.45
 Sound Absorption @ 50mm (Random Incidence) NRC- 0.70