

Technical Specification Sheet

Reference: FIRESEAL™

Basis: Impregnated Polyurethane acoustic foam

Description

Fireseal™ has been developed to provide excellent sound absorption in the troublesome low frequency range, whilst offering high levels of absorption at the mid and high frequency end.

Fireseal™ also has the ability to act as a membrane absorber across the full frequency spectrum when specified with the correct material thickness & choice of facing.

Now tested to European Standard EN 13501-I B-s I, d0

Fireseal™ achieve B-s I, d0:

B Very low flammability

S I low smoke

d0 no droplets

TECHNICAL DETAILS	VALUE	UNIT
Density:	>90kg/m ³	N/A
Colour	Dark Grey	N/A
Thickness	6mm – 100mm	N/A
Operating Temperature	- 30 / + 100	°C
Fire Performance:	EN 13501-1 Euro Class*	B-s I, d0
	BS 476 Part 6 Fire Propagation Index	<12 >6mm
	BS 476 Part 7 Surface Spread of flame	Class 1
	Building Regulations Paragraph A13 (b)	Class 0
	ASTM E84-09 Surface Burning Characteristic	Flame Spread Index 10 Smoke Developed Index 20
	ASTM C411-04 Hot Surface Performance @ 100°C 96hr	Pass
	UL94 Classification	94-V-0
	ASTM C1071-05 12.7 Air Erosion Resistance 6-50mm	Pass



	ASTM D-2020-92 Mildew (Fungus) Resistance	Does not support growth
	ASTM G21-96 Fungus Resistance Test	Does not support growth
	ASTM C1104-06 Water Vapour Sorption	<9%
	ASTM C518-04 Thermal Conductivity	0.32 Btu-in/ft ² -hr°F@6mm

This information is based on our knowledge and test results. Values should be considered as an average, customers should check that the material is suitable for their applications. Results may vary dependent upon the conditions they are used in and recommendations are made without warranty or guarantee.