

Open Cell Acoustic Foam

DA354

DATA SHEET



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Description:

A general purpose open-cell foam for attenuating a wide range of airborne sound frequencies. Also meets BS476 Class O fire retardancy requirements.

Specification:

Density	>90 kg/m ³	BS EN ISO 845
Colour	Dark Grey	
Thickness	5mm – 100mm	
Fire Propagation Index	<12	BS476 pt6
Surface Spread of Flame	Class 1	BS476 pt7
Building Regs 1991 (Fire Safety)	Class O	BS476 pt6
Operating Temperature	-30°C to 100°C	
Surface Burning Behaviour	Class A	ASTM E84-95
UL94 Classification	UL94 V-0	UL94
Air Erosion Resistance (4-6000 fpm)	Pass	ASTM C1071-91 12.7
Fungus Resistance Test	Does not support growth	ASTM G 21
Mildew Resistance Test	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
Corrosivness (galvanised steel)	Pass	ASTM C665-95
Hot Surface Perfomance @ 100C-96hr	Pass	ASTM C411-97

Acoustic Performance Information:

- Sound Absorption @ 25mm (Normal Incidence) NRC > 0.40
- Sound Absorption @ 12mm (Random Incidence) NRC > 0.28
- Sound Absorption @ 25mm (Random Incidence) NRC > 0.50
- Sound Absorption @ 50mm (Random Incidence) NRC > 0.78

