

Specification Sheet / 01 A354 Acoustic Foam



Property	Result	Test Method
Density	<90 kg/m ³	BS EN ISO 845
Colour	Dark Grey	
Fire Propagation Index	<12	BS476 pt6
Surface Spread of Flame	Class 1	BS 476 pt7
Building Regs 1991 (fire safety)	Class 0	BS 476 pt 6&7
Operating Temperature	-30 to 100°C	DIN 4102, Teil 1
UL94 Classification	94 V-0	UL94
Surface Burning Behaviour	Class A	ASTM E84-95
Air Erosion Resistance (4001-600 fpm)	Pass	ASTM C1071-91 12.7
Mildew (fungus) Resistance	Does not support growth	ASTM D-2020
Fungus Resistance Test	Does not support growth	ASTM G 21
Water vapour sorption	<9%	ASTM C553-92
Storage Temperature	20 ° C	
Thermal conductivity	0.346 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 absorbtion @ 25mm (normal incidence)	NCR > 0.40
Sound absorbtion @ 12mm (random incidence)	NCR > 0.28
Sound absorbtion @ 25mm (random incidence)	NCR > 0.50
Sound absorbtion @ 50mm (random incidence)	NCR > 0.78

Change Control Date	Change
15/09/14	Amended



The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

