

Specification Sheet / 01 A354 Acoustic Foam



ISO9001, ISO14001, ISO45001
Certificate Ref: 11738

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

This clasification has been carried out in accordance with Clauses 11.5, 11.9.3 and 11.10.1 of TS EN 13501-1 + A1:2010		
Fire behaviour	Smoke production	Flame droplets
C	s2	d0

Reaction to fire Classification C-s2,d0

Change Control Date	Change
15/09/14	Amended
02/02/26	Inclusion of EN 13501

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 W1007 (<https://bit.ly/3nKm6Hj>) unless otherwise stated.
Our standard terms and conditions of trading (<https://bit.ly/3b3mThw>) apply at all times.

