

**Material Specification
Sheet**e: sales@rhnutall.co.uk
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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	BS476 pt7
Building Regs 1991 (fire safety)	Class 0	BS476 pt6&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 absorption @ 25mm (normal incidence)	NCR > 0.40	
Sound absorption @ 12mm (random incidence)	NCR > 0.28	
Sound absorption @ 25mm (random incidence)	NCR > 0.50	
Sound absorption @ 50mm (random incidence)	NCR > 0.78	

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied

