



**Typical flammability and physical properties**

**Specification**

		<b>Test Method</b>
<b>Density</b>	>90 kg/M <sup>3</sup>	BS EN ISO 845
<b>Colour</b>	Dark Grey	
<b>Thickness</b>	5mm to 100mm	
<b>Fire Propagation Index</b>	< 12	BS 476 pt 6
<b>Surface Spread of Flame</b>	Class 1	BS 476 pt 7
<b>Building Regs 1991 (Fire Safety)</b>	Class 0	BS 476 pt 6 & 7
<b>Operating Temperature</b>	-30°C to 100°C	
<b>UL94 Classification</b>	94 V-0	UL94
<b>Surface Burning Behaviour</b>	Class A	ASTM E84-95
<b>Air Erosion Resistance (4001-6000 fpm)</b>	Pass	ASTM C1071-91 12.7)
<b>Fungus Resistance Test</b>	Does not support growth	ASTM G21
<b>Mildew (Fungus) Resistance</b>	Does not support growth	ASTM D-2020
<b>Water Vapour Sorption</b>	<9%	ASTM C553-92
<b>Thermal Conductivity</b>	0.364 Btu-in/hr-ft <sup>2</sup> °F	ASTM C518-91
<b>Corrosiveness (galvanised steel)</b>	Pass	ASTM C665-95
<b>Hot Surface Performance @100°C 96 hr</b>	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 (Normal Incidence) NRC > 0.50

Sound Absorption @50mm (Normal Incidence) NRC > 0.78