



PRODUCT DATA SHEET

SIOPCELL

is a flexible class 0 foam insulation material. Suitable for a range of applications including automotive, marine and home.

SIOPCELL

SIOPCELL is converted in the UK and encompasses a high quality foam insulation material impregnated for flame retardancy and available with or without self adhesive backing. Available in grey, this foam is great acoustically and thermally, offering many benefits when fitted.

Advantages:

- Excellent sound reduction for thickness of product.
- Ideal for low to high frequency absorption.
- Great thermal properties.
- Low odour.
- Class 0 flame retardancy.
- Easy to handle and cut.

CONVERTED IN THE UK



Technical Test Data:

SPECIFICATION	TEST METHOD	RESULT
Density	BS EN ISO 845	> 90 kg/m ³
Colour		Dark Grey
Thickness		6mm – 100mm
Fire Propagation Index	BS 476 part 6	< 12 >6mm
Surface Spread of Flame	BS 476 part 7	Class 1
Building Regulations Paragraph A13 (b)	BS 476 part 6 & 7	Class 0
Fire Performance	EN13501-1 Euro Class	B-sl,d0
Operating Temperature		-30 to +100 °C
UL94 Classification	UL94	94 V-0
Surface Burning Behaviour	ASTM E84-09	Flame Spread index 10 Smoke Developed index 20
Air Erosion Resistance	ASTM C1071-05 12.7 6-50mm	Pass
Fungus Resistance Test	ASTM G21-96	Does not support growth
Mildew (Fungus) Resistance	ASTM D-2020-92	Does not support growth
Water Vapour Sorption	ASTM C1104-06	< 9 %
Thermal Conductivity	ASTM C518-04	0.32 Btu-in/ft ² -hr°F@6mm
Corrosiveness (galvanized steel)	ASTM C665-95	Pass
Hot Surface Performance @ 100 °C 96hr	ASTM C411-04	Pass

Acoustic Performance Information

Sound Absorption @ 12mm	NRC-0.30
Sound Absorption @ 25mm	NRC-0.45
Sound Absorption @ 50mm	NRC-0.75

