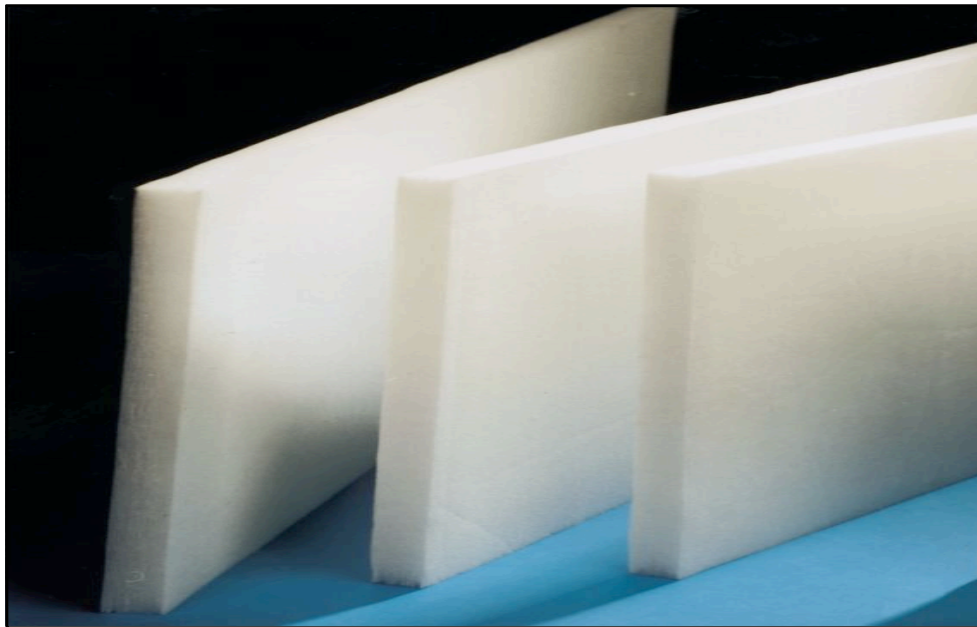


FiberForm® 63 T FR 2SL

Description

FiberForm 63 T FR 2SL is manufactured from a specially formulated mix of high and low melt, non-irritating, water repellent polyester fibres.



Composition: Flocked polyester fibre
Flocked FR polyester fibre
Flocked thermally bound polyester fibre

Processes: Carding - layering - thermal binding - smoothing

FiberForm 63 T FR 2SL can be supplied in a standard sheet size of 1000mm x 2000mm, non standard sheets by arrangement, die-cut to size, or moulded into three-dimensional shapes. It can be faced one side with a black coloured low smoke and toxicity fabric to meet the BS6853 rail standard requirements.

Colour/Facing Options

Product	Colour
Unfaced FiberForm 63 T FR 2SL	White
Faced one side with black polyester fabric Sinter 17	Black
Faced one side with black polyester fabric Sinter 17 and the opposite side with Bright Class 'O' foil	Black/Silver

Note: Other facings may be available, subject to minimum order quantity. Further details available on request.

Application

FiberForm 63 T FR 2SL is used extensively in the rail industry for body sides and ceilings to provide thermal isolation and acoustic absorption.

Data Sheet
2010 Issue 01

Crown Business Park
Old Dalby
Melton Mowbray
Leicestershire
LE14 3NQ
Tel: 01664 821810
Fax: 01664 821820

E-mail:
info@hodgsongroup.co.uk

Web Site:
www.acoustic.co.uk

Operating Temperature

FiberForm 63 T FR 2SL is suitable for use at continuous operating temperatures up to 120°C and can be used at temperatures down to -50°C providing a 100% vapour barrier is maintained to prevent the ingress of moisture vapour.

Fire Performance

FiberForm 63 T FR 2SL meets the requirements of BS476: Part 6: 1981 and Part 7: 1987 Class 0.

FiberForm 63 T FR 2SL achieves an M1/ F1 rating when tested in accordance with French Standards NF F 16-101 and NF F 16-102.

Thermal Conductivity

0.037 W/mK @ 10°C

Acoustic Performance

Product	Thickness mm	Sound Absorption Coefficient (to BS EN20354:1993)					
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
FiberForm 63 T FR 2SL	25	0.16	0.26	0.43	0.60	0.70	0.77
	50	0.27	0.53	0.76	0.88	0.91	0.90
Faced one side with black polyester fabric Sinter 17	25	0.16	0.27	0.45	0.59	0.73	0.79
	50	0.27	0.54	0.83	0.87	0.94	0.92

Dimensions and Density

Thickness mm	Sheet Size mm	Density Kg/m ³
25	1200 x 2000	30, 60, 90
50	1200 x 2000	30

Note: Other thicknesses ranging from 10mm to 150mm and densities ranging from 10kg/m³ to 100kg/m³ are available, subject to minimum order quantities. Further details available on request.

Thickness tolerance: ± 2mm
Width tolerance: ± 5mm
Length tolerance: ± 5mm

Permanence

FiberForm 63 T FR 2SL is rot-proof, odourless, non-hygroscopic and does not sustain micro-organisms, fungi and bacteria.

For Further Information

contact
**Hodgson & Hodgson
 Group Ltd**

Crown Business Park
 Old Dalby
 Melton Mowbray
 Leicestershire
 LE14 3NQ
Tel: 01664 821810
Fax: 01664 821820

E-mail:
info@hodgsongroup.co.uk

Web Site:
www.acoustic.co.uk