

SEKISUI FOAM AUSTRALIA

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TECHNICAL INFORMATION

TECHNICAL DATA SHEET

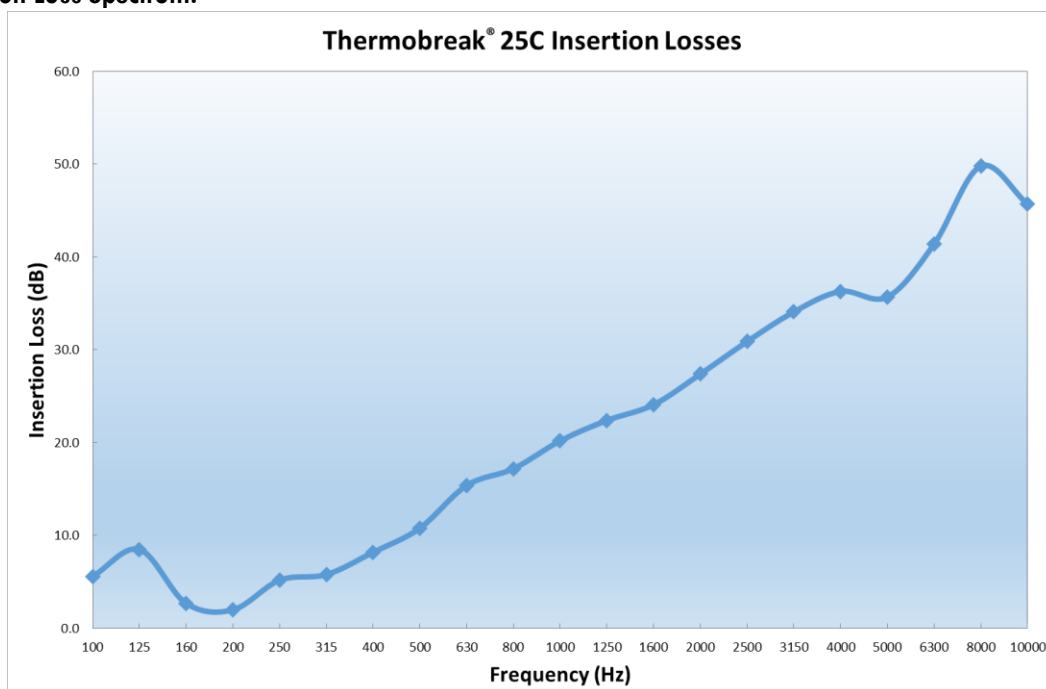
Thermobreak[®] 25C

Material:	Flexible loaded vinyl acoustic barrier bonded to flexible convoluted foam
Thickness:	25mm
Density:	5 kg/m ²
Thermal Conductivity: (ASTM C518)	0.051 W/m/°K (@ 23°C mean temperature)
Operating Temperature Range:	-40 °C ~ +100 °C (continuous) -40 °C ~ +120 °C (intermittent)
VOC Emission Rate: (ASTM D5116)	Low VOC emitting (“Green Star”)
Flammability: (AS 1530 Part 3)	COMPLIES (AS 4254)

ACOUSTIC PERFORMANCE

Insertion Loss:	25 dB (single layer) 29 dB (double layer)
Sound Transmission Loss: (ISO 10140)	R _w = 28 dB; STC = 28 dB (barrier layer only)

Insertion Loss Spectrum:



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TOLERANCES

The following tables list tolerances for thickness, density and width of standard Thermobreak[®] 25C products:

<u>Thickness</u>	
Nominal Thickness	Tolerance
25mm	-3.0mm / +3.0mm

<u>Density</u>	
Nominal Density	Tolerance
5 kg/m ²	± 5%

<u>Width</u>	
Nominal Width	Tolerance
1350mm	-0 / +5mm

<u>Length</u>	
Nominal Length	Tolerance
5m	-0 / +50mm

COUNTRY OF MANUFACTURE

Thermobreak[®] 25C insulation is manufactured in Australia.



This information on Sekisui Foam International products is presented to the best of our knowledge. All product data is based on average values and is for guidance only. As these products are subject to constant research and development, we reserve the right to update the contents without notice.

Recommendations as to methods of post fabrication, application and use of Sekisui Foam International products are based on our experience and knowledge of the characteristics of our products and are given in good faith. As producer of the material we have no control over the application of Sekisui Foam International products and no legal responsibility is accepted for such recommendations. In particular, no responsibility is accepted by us for any system in which Sekisui Foam International products are utilised or for any application.

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