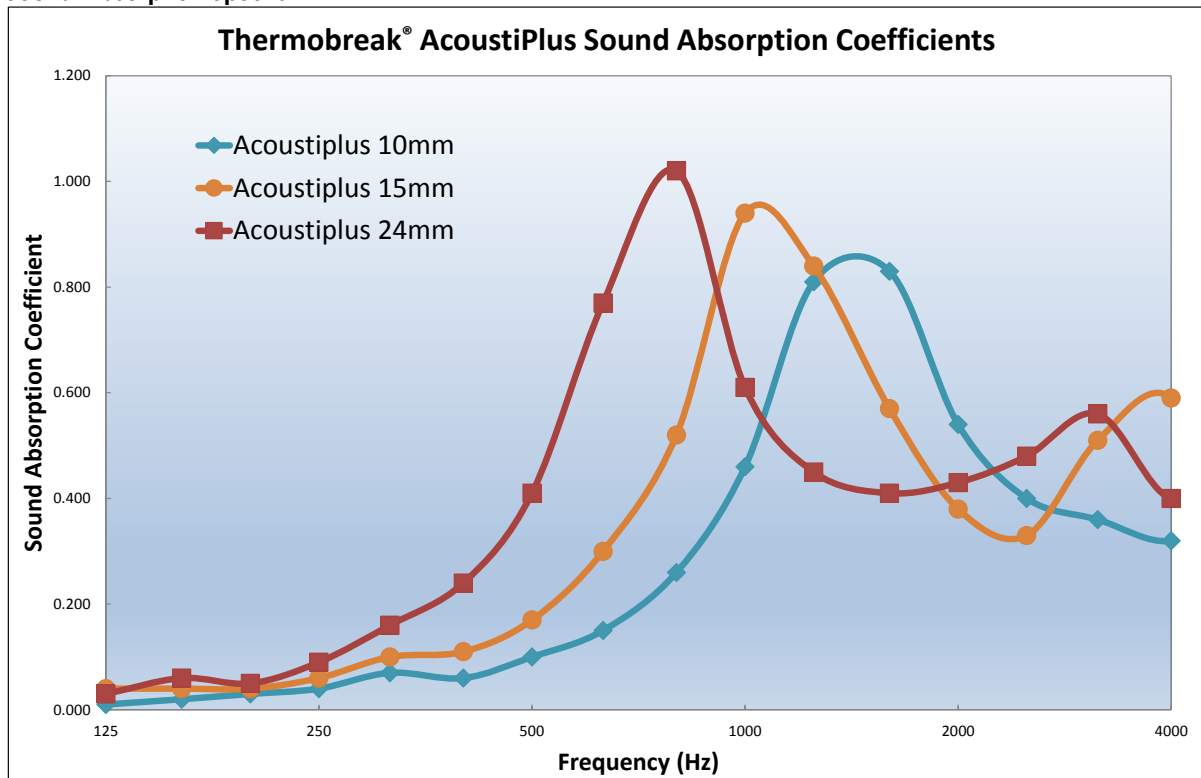


TECHNICAL DATA SHEET

Thermobreak[®] Acoustiplus[™]

Material:	Physically (irradiation) crosslinked open cell polyolefin foam with factory applied reinforced aluminium foil and optional pressure sensitive adhesive backing
Density:	25 kg/m ³ (foam core only)
Thermal Conductivity: (ASTM C518)	0.036 W/m/°K (@ 23°C mean temperature)
Resistance to fungi: (ASTM G21)	Zero Growth
Noise Reduction Coefficient: (ISO 354)	0.30 (10 mm thickness) 0.40 (15 mm thickness) 0.40 (25 mm thickness)
Operating Temperature Range:	-80 °C ~ +100 °C (no adhesive)
Maximum Recommended Design Air Velocity:	20.3 m/s (4000 fpm)

Sound Absorption Spectra:



FIRE AND SMOKE PERFORMANCE

AS 1530:3	Ignitability Index:	0
	Spread of Flame Index:	0
	Heat Evolved Index:	0
	Smoke Developed Index:	0 – 1

BS 476 Parts 6 & 7:

CLASS 0

DIN 54837

Burning Test

COMPLIES (DIN 5510:2)
Classification S4, SR2, ST2

ISO 5659: 2

Smoke Toxicity

COMPLIES (DIN 5510:2)
FED < 1

UL 181:11

Burning Test

COMPLIES

TOLERANCES

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

Thickness	
Nominal Thickness	Tolerance
10mm	-1.0mm / +1.5mm
15mm	-1.0mm / +2.0mm
24mm	-1.0mm / +2.5mm
Other thicknesses and/or tolerances subject to confirmation.	

Density* (foam only)	
Nominal Density	Tolerance
25 kg/m ³	± 10%
*Applies to the foam core. The density of Thermobreak with reinforced aluminium foil will be higher.	

Width (Sheet)	
Nominal Width	Tolerance
1200mm	-0 / +20mm
Other widths and/or tolerances subject to confirmation.	

COUNTRY OF MANUFACTURE

Thermobreak[®] Acoustiplus[™] insulation is manufactured in Australia.

ENQUIRIES

If you require any further information, please consult your local distributor or contact us at

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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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