

THERMOBREAK[®] AcoustiPlus

NEW GENERATION DUCT LINER



Thermobreak[®] AcoustiPlus is a new generation open cell physically crosslinked polyolefin foam designed for duct lining.

- Excellent acoustic absorption at low thickness
- Meets the fire hazard requirements of AS 4524
- Anti-microbial to ASTM G21

SEKISUI

FOAM
INTERNATIONAL
Global Foam Solutions

PHYSICALLY
CROSSLINKED
SEKISUI TECHNOLOGY

A small graphic logo for 'Physically Crosslinked' technology, featuring a central blue sphere with several smaller spheres in green, yellow, and red attached to it, resembling a molecular or network structure.

THERMOBREAK[®] AcoustiPlus

NEW GENERATION DUCT LINER



Technical Data

Density:	25kg/m ³ (foam core only)
Noise Reduction Coefficient: (ISO 354)	0.40 (15mm foam thickness)
Thermal Conductivity: (ASTM C518)	0.036 W/m/°K (@ 23°C mean temperature)
Resistance to Fungi: (ASTM G21)	Zero Growth
Ozone Resistance:	Excellent
UV Resistance:	Excellent
Operating Temperature:	-80° C ~ + 100° C (no adhesive)

Product Features

- Thermobreak[®] AcoustiPlus is specially designed for the acoustic lining of air ducts
- Excellent acoustic absorption at low thickness
- BS 476 Class 0 fire rated
- Meets the fire hazard properties of AS4524
- Both Anti-Microbial and Low VOC for improved Indoor Air Quality
- Fibre free, PVC-free, contains no added biocides
- Extremely lightweight, durable and erosion resistant
- Available with factory applied adhesive
- Supported by AcustiCalc[™] software for insertion loss calculations.

Fire & Smoke Behaviour

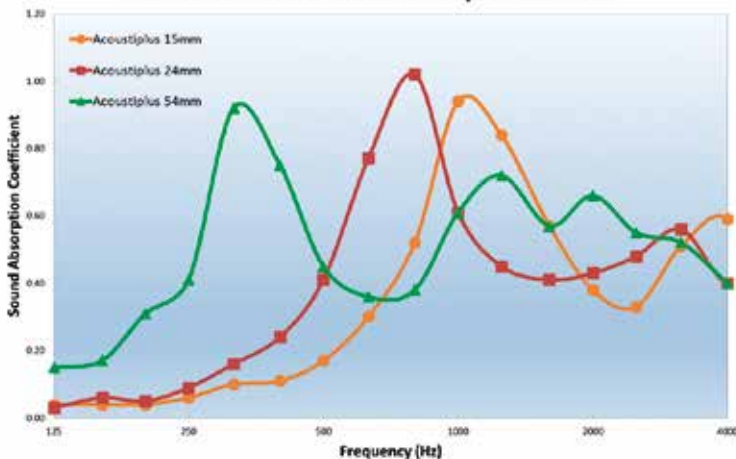
BS476 Parts 6 & 7	CLASS 0
AS1530 Part 3	Ignitability Index: 0 Spread of Flame Index: 0 Heat Evolved Index: 0 Smoke Developed Index: 0-1

Size Availability

- 15 mm : rolls and sheets
- 24 mm : rolls and sheets
- 54 mm : sheets

Other thickness available on request

Thermobreak[®] AcoustiPlus Sound Absorption Coefficients



Thermobreak is a registered trademark of Sekisui Chemical Co. Ltd. or its subsidiaries.

Typical dB reduction (3m Lining)

Duct size	300mm x 300 mm	450mm x 450mm
Grade	Loss insertion (dB A)	
15-mm AcoustiPlus	9.6	7.8
24-mm AcoustiPlus	11.4	8.8
54-mm AcoustiPlus	tba	14.7

* Calculations based on FESI and ASHRAE data.

SEKISUI

FOAM INTERNATIONAL
Global Foam Solutions



Sekisui Foam Australia Head Office

1-5 Parraweena Rd, PO Box 2898,
Taren Point NSW 2229 Australia
Tel: +61 2 9525 9880
Fax: +61 2 9525 8004
Email: info@sekisuifoam.com.au
Web: www.sekisuifoam.com.au

Queensland Branch

15/853 Nudgee Rd, PO Box 448,
Northgate QLD 4013 Australia
Tel: +61 7 3267 7100
Fax: +61 7 3267 7166
Email: info@sekisuifoam.com.au
Web: www.sekisuifoam.com.au