

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

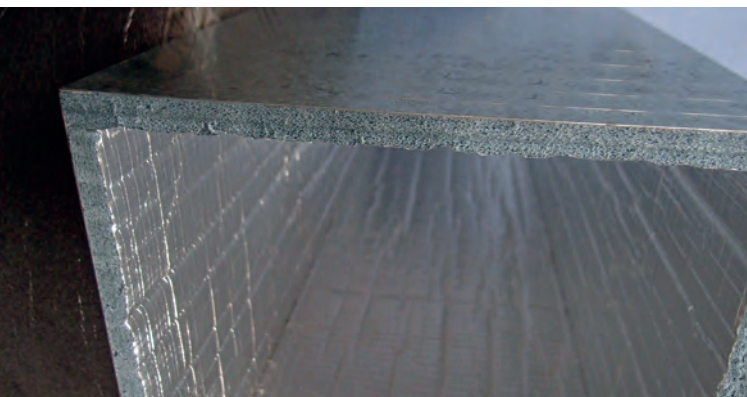
SEKISUI

FOAM
INTERNATIONAL
Global Foam Solutions

PHYSICALLY
CROSSLINKED
SEKISUI TECHNOLOGY

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)

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

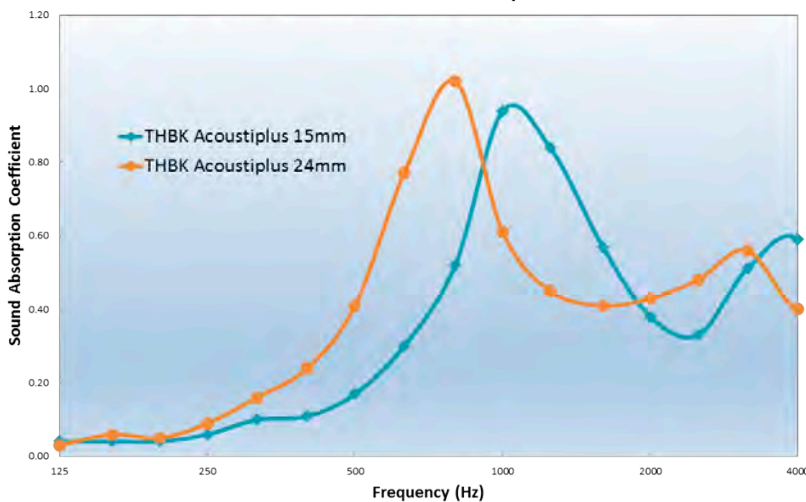
Size Availability

- 15 mm : rolls and sheets
 - 24 mm : rolls and sheets
- Other thickness available on request

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.

Thermobreak[®] AcoustiPlus Sound Absorption Coefficients



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Typical dB reduction	
Duct size:	300mm x 300 mm
Lining:	3m
Grade	Loss insertion (dB A)
15-mm AcoustiPlus	9.6
24-mm AcoustiPlus	11.4

* Calculations based on FES1 and ASHRAE data.

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