

## SOUNDLAG® 8000 Series

### acoustic duct lagging

Soundlag® 8025C and 8012 are high-performance composite acoustic lagging products developed to reduce noise from waste water/drainage pipes and HVAC ducting including valves, fan housings and ductwork in commercial, industrial and domestic buildings. The highly dense and flexible mass layer provides excellent sound reduction properties, whilst the decoupling layer breaks the vibration path between the substrate and the mass barrier, allowing the vinyl external wrap to remain flexible - optimising performance. The external foil facing offers a fire-resistant covering and an excellent surface to join adjacent sheets.

Soundlag 8000 series is just one of many products in Soundlag portfolio. Soundlag 4000 series, Soundlag GW/QGW and Soundlag LW, complete the full range where options such as mass layer weights vary from 3 kg/m<sup>2</sup> to 8 kg/m<sup>2</sup>, decoupling layer can include foam (flat or convoluted), polyester or glass wool and the thicknesses of the decoupling layer itself can be between 6 mm to 50 mm. This is to ensure that there is Soundlag material to meet every specification. For more details please see relevant TDS.

### VOC, ODP, HEALTH AND SAFETY

Soundlag is non-toxic and safe to handle by methods prescribed in the Safety Data Sheet. No ozone depleting substances are used during the manufacture of Soundlag.

### SPECIFICATIONS

Colour	Silver (Aluminium foil facing) Blue convoluted (Soundlag 8025C) Plain grey foam (Soundlag 8012)
Available	Standard roll size: 8025C: 1.35 x 3 m (4.4 ft x 9.8 ft) 8012: 1.35 x 5 m (4.4 ft x 16.4 ft) Custom sizes and weights are available depending on MOQ



### applications

- Duct lagging
- Waste and storm water pipe lagging
- Compressor and pump wraps
- HVAC
- Fan housings
- Heat Pumps

### features

- Free from odour producing oils and bitumen, resulting in low VOC
- Contain no ozone depleting substances
- Accredited to ISO 9001 Quality Control Standard
- Broad operating temperature range
- Varying range of weights and thicknesses
- Choice of foam, polyester, fibreglass or glass wool
- Can cut to size and simple to install
- Easy to bond - matching Tape ALR or equivalent
- Soundlag is endorsed and tested by leading acoustic consultants



### PRODUCT SPECIFICATIONS

Product name	Standard thickness	Roll weight	Standard Roll Size	Barrier weight	Thermal conductivity (W/mk)	Operating temperature range (°C)
Soundlag 8025C	29 mm (1.14 in)	34 kg (72.8 lb)	1.35 x 3 m (4.4 ft x 9.8 ft)	8 kg/m <sup>2</sup>	0.0476*	- 40 to 100 (continuous) - 40 to 120 (intermittent)
Soundlag 8012	16 mm (0.63 in)	55 kg (121)	1.35 x 5 m (4.4 ft x 16.4 ft)		-	

Tolerances: Length: ±1%; Width: - 0/+5 mm (0.2 in); Thickness: ±3 mm (0.12 in); Weight: ±10%

\* Tested to ASTM C 518 (report BRANZD10324)

### MATERIAL PROPERTIES

Product	Test Method	Property	Report	Results
Soundlag 8025C	AS/NZS 1530.3	Ignitability, flame propagation, heat and smoke release	20-004854	0, 0, 0, 5
Soundlag foil facing	BS 476 Part 6	Fire propagation	381636	Class 0 foil facing
	BS 476 Part 7	Surface spread of flame	381638	

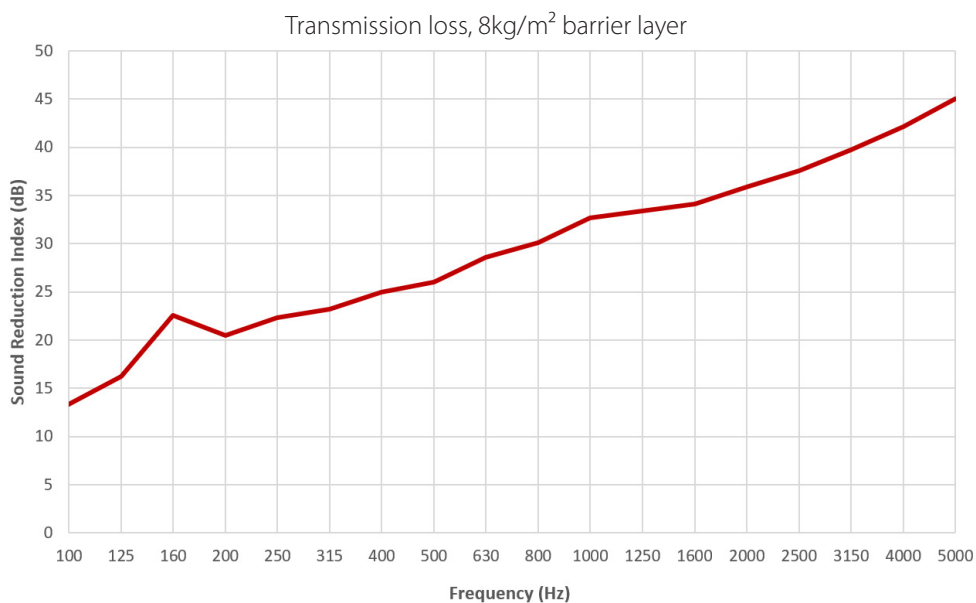
Frequency (Hz)	8 kg/m <sup>2</sup>
100	13.3
125	16.2
160	22.6
200	20.5
250	22.3
315	23.2
400	25
500	26
630	28.6
800	30.1
1000	32.7
1250	33.4
1600	34.1
2000	35.9
2500	37.6
3150	39.7
4000	42.1
5000	45
Rw	31
STC	31

Results for Wavebar

Tested to ISO 15186-1:2003 & 10140-4:2010 at

University of Canterbury, New Zealand

Report Number 264a



For further information  
and contact details,  
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[pyroteknc.com](http://pyroteknc.com)

Caveats: Specifications are subject to change without notice. The data in this document is typical of average values based on tests by independent laboratories or by the manufacturer and are indicative only. Materials must be tested under intended service conditions to determine their suitability for purpose. The conclusions drawn from acoustic test results are as interpreted by qualified independent testing authorities. Nothing here releases the purchaser/user from responsibility to determine the suitability of the product for their project needs. Always seek the opinion of your acoustic, mechanical or fire engineer on data presented by the manufacturer. Due to the wide variety of individual projects, Pyrotek is not responsible for differing outcomes from using their products. Pyrotek disclaims any liability for damages or consequential loss as a result of reliance solely on the information presented. No warranty is made that the use of this information or of the products, processes or equipment to which this Information Page refers will not infringe any third party's patents or rights.

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