

# SOUNDLAG® 8025C

## acoustic duct lagging

Soundlag® 8025C is a high-performance composite acoustic lagging product developed to reduce noise from 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 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.

Pyrotek® offers varying compositions with barrier weights from 3 kg/m<sup>2</sup> to 8 kg/m<sup>2</sup> and the decoupling layer with a choice of foam (plain or convoluted), polyester, fibreglass or glass wool with thicknesses from 6 mm to 50 mm.



### 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	Aluminium facing Blue convoluted foam backing
Available	Standard roll size: 1.35 x 3 m
	Custom sizes and weights are available depending on MOQ

## applications

- Duct lagging
- Compressor and pump wraps
- HVAC
- Fan housings

## 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
- 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	34 kg	1.35 x 3 m	8 kg/m <sup>2</sup>	0.0476*	- 40 to 100 (continuous) - 40 to 120 (intermittent)

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

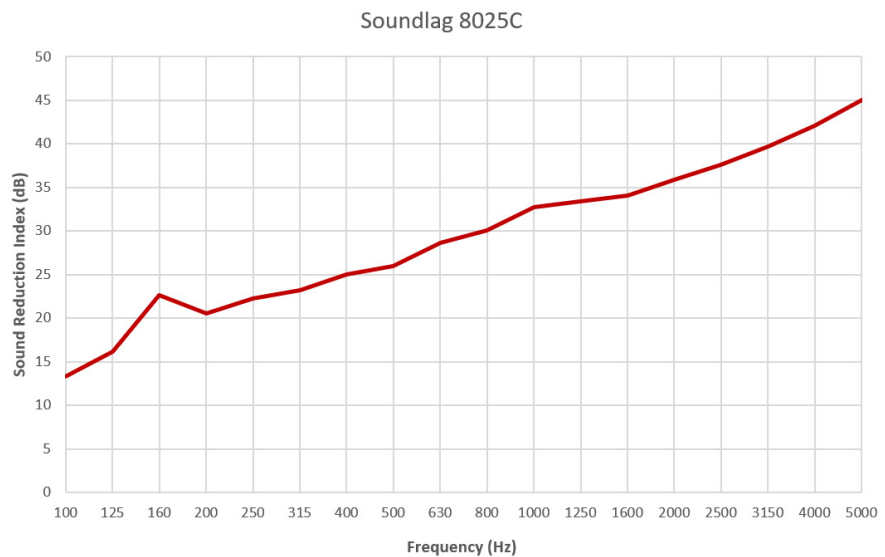
\* Tested to ASTM C 518 (report BRANZ D10324)

## MATERIAL PROPERTIES

Test method	Property	Report	Results
AS/NZS 1530.3	Ignitability, flame propagation, heat and smoke release	20-004854	0, 0, 0, 5

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

Tested to ISO 15186-1:2003 & 10140-4:2010 at University of Canterbury, New Zealand  
Report Number 264a



For further information and contact details, please visit our website [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. **DISCLAIMER:** This document is covered by Pyrotek standard Disclaimer, Warranty and © Copyright clauses. See [pyroteknc.com/disclaimer](http://pyroteknc.com/disclaimer).

