

SoundLag P

SoundLag-P manufactured using a flexible polymeric mass barrier mat, faced with 'Class O' foil vapour barrier and a 'Class O' quilted glass fibre inner layer.



Applications

Typically used to wrap noisy pipes and ducts to block the noise that transmits through the walls of the pipe or duct as air, or other contents, move through it. The quilted glass fibre or foam de-coupler improves the performance of the noise barrier and provides sound absorption and thermal insulation around the duct or pipe. Suitable for both indoor and outdoor applications. The reinforced foil exterior readily accepts a matching lag tape for easy installation.

Specifications

FACING
Bright Class O
Reinforced Foil

SIZE
2.0 x 1.2mtr

NOMINAL THICKNESS
15 - 27mm
(other thickness's
available upon request)

SURFACE WEIGHT
5kg/m² or 10kg/m²

FIRE PERFORMANCE:
FACING,
Class O -BS476: Parts 6:
1981 & Part 7: 1987

**CONTINUOUS SERVICE
TEMPERATURE**
90 °C

Thermal Conductivity

SOUNDLAG-P
0.037 Wm-1 K-1 at 10 C

Acoustic Performance

Product	Barrier Weight kg/m ²	Typical Sound Reduction Index (dB)							
		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
Soundlag-P	5	22	21	22	24	32	45	48	44
	10	24	23	28	32	38	45	57	50

The heavier the barrier layer the better the performance at low frequency (500Hz and below). The thicker the isolation layer the better the performance at mid frequency (250Hz and above).

