

PYROSORB-S-L5/PYROSORB-S-L-10

Class 'O' acoustic composite, comprising acoustic lead sheet sandwiched between two layers of fire resistant foam.

Colour: Black.
L5 - 5kg/m² Lead
L10 - 10kg/m² Lead

PRODUCT FORMAT:

Standard sheet size: 2000 x 1200mm.
Order coding: 2m x 1.2m x 6/6mm
Construction: 6mm foam/Lead/6mm foam.

Foam available up to 50mm.

PROPERTIES:

Non fibrous. Clean and easy to install.
High Transmission Loss to airborne noise.
(see separate sheet)
High noise absorption capability.
Safe and speedy flexible fixing.

FIRE RATING:

Foam: Class 'O'
Composite: Class 'O'

USAGE:

(a) Cavity barrier.
(see separate information sheet)
(b) Engine covers.
(c) Ceiling sound barrier.

PRODUCT OPTION:

PYROSORB-S-L-RA1 (foil faced)

REF: C1210945 Replacing C1110935

PYROSORB-S-L5/PYROSORB-S-L-10

SOUND REDUCTION INDEX, BS2750: 1980

MATERIAL: PYROSORB-S-L5

CONSTRUCTION: SINGLE LAYER OF 5Kg/m² LEAD SANDWICHED BETWEEN TWO LAYERS OF 10mm PYROSORB-S.

RESULTS:	FREQUENCY (H_z)	R (dB)
	100	19.1
	125	17.3
	160	19.7
	200	18.9
	500	20.2
	630	25.7
	250	27.0
	315	20.9
	400	22.7
	800	24.1
	1000	28.5
	1250	31.1
	1600	33.6
	2000	36.4
	2500	37.7
	3150	38.8
	4000	40.6
	5000	41.9

AVERAGE SRI, RAVE (100-3150) - 26.4 dB

WEIGHTED SOUND REDUCTION, R_w - 29 dB

STC RATING - 29 dB (ASTMS E41 - 1973)

TEST CONDITIONS:

Aperture 2400 x 2400 mm.

Sheeting 2400 x 1200 mm with tightly clamped centre join.

All tests by university of Salford, Department of applied acoustics.

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