



MLV75

{ Acoustic Barrier Mat

A SOUND REDUCTION SYSTEMS PRODUCT

Product Name: MLV75

Product Description: MLV75 is a dense, mineral loaded vinyl (MLV) sound barrier comprised of a high percentage of recycled raw materials. The product is a cost-effective mass layer which can be used for general sound reduction applications. In addition, it has been designed to have good oil resistance properties making the product especially well-suited to acoustic pipe wrap applications in the oil and gas industry. The product is free of lead, unrefined aromatic oils and bitumen. It has excellent resistance to mineral oils, greases, weak acids and alkalis. Available as a self-adhesive version with a plastic polyolefin release liner.

Construction: Monolayer barrier

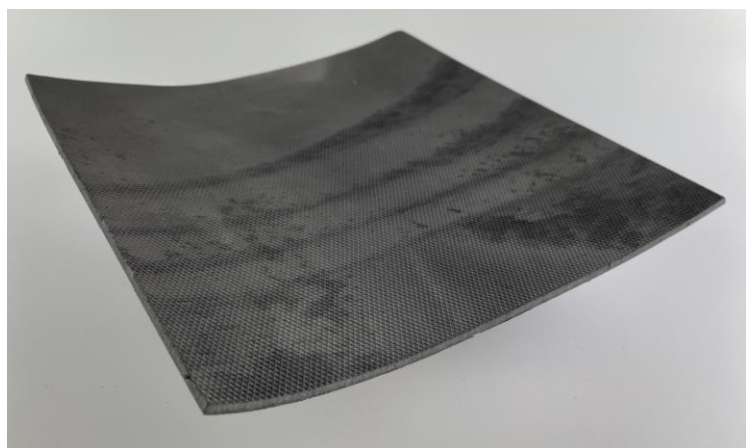
Application: Designed to improve the sound insulation of building structures and pipework. MLV75 is normally fixed in intimate contact with the original substrate or intermediate space layers.

Technical Data:

Description	Data	Unit	Tolerance	Test Method
Apparent Density	2200	Kg/m ³	+/- 10%	DIN EN 1602
Reaction to Fire	Pass	-	-	FMVSS 302
Nominal Weight	7.5	Kg/m ²	+/-10%	-
Nominal Thickness	3.41	mm	+20/- 10%	-
Strain at break	30	%	Minimum	ISO 37:2011 (E)
Stress at peak	1.3	N/mm ²	Minimum	ISO 37:2011 (E)
Durometer hardness (Shore A)	95	-	Typical	Internal
Static Operating Temp. Range	- 20 – 95 (Short exposure at extremes)	°C	-	Internal
Oil Resistance (2 hours, 80 °C)	Diesel shrinkage < 3 %	-	-	Internal
Colour	Black	-	-	-

Acoustic Data:

Data extrapolated from BS EN ISO 10140-2 (Free Hanging Curtain)	
Hz	
125	16
250	18.9
500	23.4
1000	28.1
2000	32.9
4000	38.1
Barrier (kg/m2)	7.5
Space L	0.0
Space L	0.0
Total Mass (kg/m2)	7.5
Rw (dB) @ 1000Hz	28
Average SRI	26



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Site conditions and installation standards vary. SRS cannot take responsibility for the performance of any installed system of which SRS products are only a part, or that have been installed incorrectly. Prior to installation, it is necessary to identify and eliminate possible flanking paths that may compromise the acoustic performance of any SRS product.

