

General Information

Product Name: REVAC® BM 0070

Product Description: REVAC® BM 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.

Construction: Monolayer barrier

Application: Designed to improve the sound insulation of pipework and other structures at all frequencies. The mat 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	7.0	Kg/m ²	+10/- 5%	-
Nominal Thickness	3.18	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	Revac® BM 0070
125	15.5
250	18.5
500	23
1000	27.5
2000	32.5
4000	37.9
Barrier (kg/m ²)	7.0
Space L	0.0
Space L	0.0
Total Mass (kg/m ²)	7.0
Rw (dB) @ 1000Hz	27.5
Average SRI	26

