

General Information

Product Name: REVAC® BM 0050 UHD

Product Description: REVAC® BM UHD is an extremely dense, mineral loaded vinyl (MLV) sound barrier comprised of a high percentage of recycled raw materials. Due to its high density nature the product is thinner than normal acoustic barriers. It also has 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	3000	Kg/m ³	+/- 10%	DIN EN 1602
Reaction to Fire	Pass	-	-	FMVSS 302
Nominal Weight	5.0	Kg/m ²	+/-10%	-
Nominal Thickness	1.67	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® BM0050 UHD
125	13.8
250	16.4
500	21
1000	25.6
2000	31.5
4000	38
Barrier (kg/m ²)	5.00
Space L	0.0
Space L	0.0
Total Mass (kg/m ²)	5.00
Rw (dB) @ 1000Hz	25
Average SRI	24

