Technical Data Sheet

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General Information

Product Name: REVAC® BM 0100 CHEM

Product Description: REVAC® BM CHEM is a dense, highly flexible mineral loaded vinyl (MLV) sound barrier as specified and used in ISO 15665 and Shell DEP's and can be used as an acoustic pipe wrap to all classes. It is comprised of a high percentage of recycled raw materials. The CHEM enhancement utilizes a higher spec formulation which gives the product greater flexibility at room temperature than standard barriers. The material is free of lead, unrefined aromatic oils, bitumen, asbestos, chromates, CFC's, HCFC's and other ODC's and has excellent resistance to mineral oils, greases, weak acids, and alkalis. The material is thermoplastic and is 100% recyclable.

Construction: Monolayer barrier

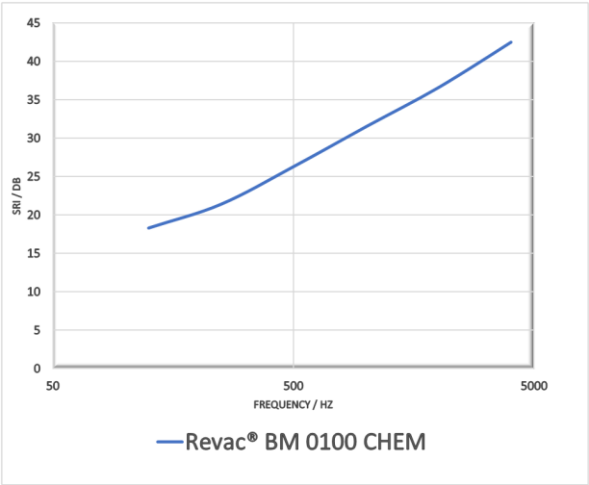
Application: Designed to improve the sound insulation and absorption of existing panels of metal, wood, plastic etc., at all frequencies. The mat is normally fixed in intimate contact with the original panel. REVAC® barriers are particularly effective in overcoming coincidence dip resonance found in stiff lightweight composites such as plywood sheets and hollow core panels.

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	10.0	Kg/m^2	+/-10%	-
Nominal Thickness	4.55	mm	+20/-10%	-
Strain at break	60	%	Minimum	ISO 37:2011 (E)
Stress at peak	1.3	N/mm^2	Minimum	ISO 37:2011 (E)
Durometer hardness (Shore A)	90	-	Typical	Internal
Static Operating Temp. Range	- 20 – 93 (Short exposure at extremes)	°C	-	Internal
Oil Resistance (2 hours, 80°C)	Diesel shrinkage < 3 %	-	-	Internal
Shelf Life	18 months stored > 0°C	-	-	Internal
Colour	Black/Grey	-	-	-

Acoustic Data

Data extrapolated from BS EN ISO 10140-2 (Free Hanging Curtain)	
Hz	Revac® BM 0100 CHEM
125	18.3
250	21.4
500	26.3
1000	31.5
2000	36.6
4000	42.5
Barrier (kg/m2)	10.0
Space L	0.0
Space L	0.0
Total Mass (kg/m2)	10.0
Rw (dB) @ 1000Hz	32
Average SRI	29



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