

General Information

Product Name: REVAC® IS BM 240 HH

Product Description: REVAC® IS BM HH is a dense, reinforced, 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. It is reinforced with a facing on both sides of Hessian which gives the product increased strength and adhesion properties. The product is free of lead, unrefined aromatic oils and bitumen. It has excellent resistance to mineral oils, greases, weak acids and alkalis.

Construction: Hessian - PVC Barrier - Hessian

Application: Designed to improve the sound insulation 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. IS BM HH can also be used as a free hanging acoustic curtain.

Technical Data

Description	Data	Unit	Tolerance	Test Method
Apparent Density	2150	Kg/m ³	+/- 10%	DIN EN 1602
Reaction to Fire	Pass	-	-	FMVSS 302
Nominal Weight	24.0	Kg/m ²	+/-10%	-
Nominal Thickness	11.16	mm	+20/- 10%	-
Strain at break	10	%	Minimum	ISO 37:2011 (E)
Stress at peak	5.5	N/mm ²	Minimum	ISO 37:2011 (E)
Tear Strength	15	N/mm	Minimum	ISO 34-1:2010
Durometer hardness (Shore A)	95	-	Typical	Internal
Static Operating Temp. Range	- 20 – 95 (Short exposure at extremes)	°C	-	Internal
Colour	Black	-	-	-

Acoustic Data

Data extrapolated from BS EN ISO 10140-2 (Free Hanging Curtain)	
Hz	Revac® IS BM 240 HH
125	23.7
250	27.4
500	32.6
1000	38.6
2000	42.7
4000	47.9
Barrier (kg/m ²)	23.60
Hessian (kg/m ²)	0.20
Hessian (kg/m ²)	0.20
Total Mass (kg/m ²)	24.00
Rw (dB) @ 1000Hz	39
Average SRI	35

