

## General Information

**Product Name:** REVAC® IS BM 150 H C

**Product Description:** REVAC® IS BM H C 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 on 1 face with Hessian web, which gives the product increased strength and adhesion properties. The outer face is coated with a UV stable jet black top coat for an improved aesthetic quality. 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 – UV Stable Black PVC Top Coat

**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.

## Technical Data

Description	Data	Unit	Tolerance	Test Method
Apparent Density	2100	Kg/m <sup>3</sup>	+/- 10%	DIN EN 1602
Reaction to Fire	Pass	-	-	FMVSS 302
Nominal Weight	15.0	Kg/m <sup>2</sup>	+/-10%	-
Nominal Thickness	7.14	mm	+20/- 10%	-
Strain at break	20	%	Minimum	ISO 37:2011 (E)
Stress at peak	3.0	N/mm <sup>2</sup>	Minimum	ISO 37:2011 (E)
Tear Strength	12	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 150 H C
125	20.5
250	23.9
500	28.9
1000	34.4
2000	39.1
4000	44.7
Barrier (kg/m <sup>2</sup> )	14.60
Hessian (kg/m <sup>2</sup> )	0.20
UV Top Coat (kg/m <sup>2</sup> )	0.20
Total Mass (kg/m <sup>2</sup> )	15.00
Rw (dB) @ 1000Hz	34
Average SRI	32

