

General Information

Product Name: Momentum S100 FF

Product Description: Revac® Momentum™ S FF is a UK building regulations Class 0 foil faced dense flexible sound barrier mat based on a formulation comprising EPR and thermoplastic polymers filled with naturally occurring minerals. The product is free of lead, unrefined aromatic oils and bitumen.

Construction: Monolayer barrier plus Class 0 aluminium foil

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. The material is particularly soft and flexible to give excellent conformability to existing structures and effective noise insulation of pipes, ductwork and similar assemblies.

Technical Data

Description	Data	Unit	Tolerance	Test Method
Apparent Density	1900	Kg/m ³	+/- 10%	DIN EN 1602
Reaction to Fire	Class 0 Compliant	- -	- -	BS 476 Part's 6&7 IMO Resolution MSC Part's 2&5
Nominal Weight	10.0	Kg/m ²	+/- 10%	-
Nominal Thickness	5.25	mm	+20/- 10%	-
Strain at Break	25	%	Minimum	ISO 37:2011 (E)
Stress at Peak	0.5	N/mm ²	Minimum	ISO 37:2011 (E)
Durometer Hardness (Shore A)	70	-	Typical	Internal
Static Operating Temp Range	-20 – 93 (short exposure at extremes)	°C	-	Internal
Colour	Silver/Black (front/back)	-	-	-

Acoustic Data

Data extrapolated from BS EN ISO 10140-2 (Free Hanging Curtain)	
Hz	Momentum S100 FF
125	18.3
250	21.4
500	26.3
1000	31.5
2000	36.6
4000	42.5
Barrier (kg/m ²)	10.0
Space L	0.0
Space R	0.0
Total Mass (kg/m ²)	10.0
R _w (dB) @ 1000Hz	32
Average SRI	29

