

General Information

Product Name: Revac® Momentum TAN 70 SA

Product Description: Revac® Momentum TAN is a dense, flexible, and relatively soft sound barrier mat based on a formulation comprising of EPR and thermoplastic polymers filled with naturally occurring minerals. The product is free of lead, unrefined aromatic oils and bitumen. The SA version also comes with a self-adhesive backing covered by a white polyolefin release liner.

Construction: Monolayer barrier with self-adhesive backing (plastic polyolefin release liner).

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 using the pressure sensitive acrylic tape. 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	Pass	-	-	FMVSS 302
Nominal Weight	7.0	Kg/m ²	+/- 10%	-
Nominal Thickness	3.68	mm	+20/- 10%	-
Strain at break	100	%	Minimum	ISO 37:2011 (E)
Stress at peak	0.5	N/mm ²	Minimum	ISO 37:2011 (E)
Durometer hardness (Shore A)	60	-	Typical	Internal
Static Operating Temp. Range	-20 – 93 (short exposure at extremes)	°C	-	Internal
Colour	Tan/white (Front/Back)	-	-	-

Acoustic Data

Data extrapolated from BS EN ISO 10140-2 (Free Hanging Curtain)	
Hz	Revac® Momentum Tan 70
125	15.5
250	18.5
500	23
1000	27.5
2000	32.5
4000	37.9
Barrier (kg/m ²)	7.0
Space L	0.0
Space L	0.0
Total Mass (kg/m ²)	7.0
Rw (dB) @ 1000Hz	27.5
Average SRI	26

