

## REVAC MOMENTUM TAN 50 FF SGQ

### PRODUCT DESCRIPTION:

Revac<sup>®</sup> Momentum™ Tan FF SGQ is a UK building regulations Class 0 foil faced dense flexible sound barrier mat based on a formulation comprising of thermoplastic polymers filled with naturally occurring minerals. The acoustic barrier is decoupled with a fibreglass quilting. The product is free of lead, unrefined aromatic oils, and bitumen.

### APPLICATIONS:

Revac<sup>®</sup> Momentum™ Tan FF SGQ is designed to improve the sound insulation of existing panels of metal, wood, plastic etc., at all frequencies. Available in sheets or rolls the material is particularly soft and flexible to give excellent conformability to existing structures and effective noise insulation of pipes and ductwork and similar assemblies.

### BENEFITS:

- Thermoplastic material, so fully recyclable dependent on customer end use application.
- Easy to handle and install.
- Easy to cut with a knife.
- High acoustic insulation.
- Good flexibility compared to other heavily filled acoustic materials of similar thickness.
- Cold and heat resistant (to temperatures detailed).
- High sound dampening on metallic surfaces.
- Available in sheet or roll form.
- Self-Adhesive variants available.

### GENERAL NOTES ON INSTALLATION:

Whichever method of installation is chosen:

- Retention straps/tape should be used at maximum 250mm bore, alternatively the coverage can be secured with wire mesh.
- All joints should also be covered with retention straps or tape.
- Tape should be used to seal longitudinal butt joints.
- To get the maximum acoustic benefit, no gaps should be left in the coverage.
- Butt joints should be tight and securely taped.
- Where possible, joints should be overlapped by 50mm to ensure a closed joint.

## TECHNICAL SPECIFICATIONS:

	<b>REVAC MOMENTUM TAN 50 FF SGQ</b>
<b>APPARENT DENSITY:</b>	2000kg/m <sup>3</sup> (2.0g/cm <sup>3</sup> )
<b>NOISE REDUCTION (Rw):</b>	36 (C;CTR) (0;-3) dB
<b>NOISE REDUCTION (SRI):</b>	40dB (Average SRI – Using data from BS EN ISO 10140-2:2010 Transmission Loss)
<b>COLOUR:</b>	A Surface: Silver – B Surface: Tan
<b>SUPERFICIAL WEIGHT:</b>	5.63kg/m <sup>2</sup> (+/- 10%)
<b>NOMINAL THICKNESS:</b>	27mm (+/- 10%)
<b>FLAMMABILITY:</b>	FMVSS 302 PASS - COMPLIANT
<b>OPERATING TEMP (Static):</b>	-20°C to +93°C (short exposure extremes)

Using Data from BS EN ISO 10140-2:2010	
Hz	Momentum Tan 50 FF SGQ
63	17
125	17
250	20
500	38
1000	53
2000	58
4000	63
5000	
Unit Mass (kg/m <sup>2</sup> )	6
Barrier	5
Space L	1
Space L	0
Total Mass (kg/m <sup>2</sup> )	6
Rw (dB)	36
Average SRI	40
STC	36

