



Black 5kg Barrier Mat

Description:

This is a vinyl sound barrier mat loaded with naturally occurring minerals. The product is free of lead, unrefined aromatic oils and bitumen.

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. These barriers are particularly effective in overcoming coincidence dip resonance found in stiff lightweight composites such as plywood sheets and hollow core



Physical Properties:

Colour:	Black
Hardness:	90 Shore A
Superficial Weight:	5.0Kg/m ²
Nominal Thickness:	2.0mm
Tensile Strength:	2.6Mpa
Elongation at Break:	90%
Flammability:	FMVSS 302 Self-extinguishing
Operating Temperature Range (Static):	-30°C to +65°C (some softening) Thermally stable for periods upto +93°C

*Materials are made to weight tolerances

Acoustic Performance: Typical curve for a 5kg/m² limp barrier
Mean Sound Reduction Index: 22 dB

Transmission Loss Curve to I.S.O. R140 Free Hanging Curtain

Mean Sound Reduction Index (Typical for a 5kg barrier) : 22dB

