

Benefits

- Excellent acoustic properties, particularly in the low frequency range.
- Cost effective noise control at source.
- Suitable for both new build and refurbishment.
- Easy to cut and install on site.
- 100% recyclable material.

Description

TVS INSu Barrier Mat is a 100% recyclable, flexible, vinyl, sound barrier mat loaded with naturally occurring minerals. The product is free of lead, unrefined aromatic oils and bitumen. (Non vinyl, Self Adhesive and foil facing available if required)



Where high levels of acoustic performance in buildings are required INSu Barrier can be used as a noise barrier in floor's and wall's to upgrade the airborne levels of noise, particularly at low frequency levels.

TVS INSu Barrier Mat is also used for enclosing noise sources, either draped around equipment, suspended between equipment and quiet areas, or lagged to the equipment casing.

BM050	5kg/m ²	2mm
BM070	7.5kg/m ²	3mm
BM0100	10kg/m ²	4mm

Physical Information

Colour:	Black
Hardness:	90 Shore A
Superficial Weight:	5.0Kg/m ² / 7.5Kg/m ² / 10Kg/m ²
*Nominal Thickness:	(5kg) 2mm (7.5kg) 3mm (10kg) 4mm
Tensile Strength:	2.6Mpa
Elongation at Break:	90%
Flammability:	FMVSS 302 Self-extinguishing
Operating Temperature Range (Static):	-30C to +65C (some softening) Thermally stable for periods upto +93oC

*Materials typically produced to weight tolerances

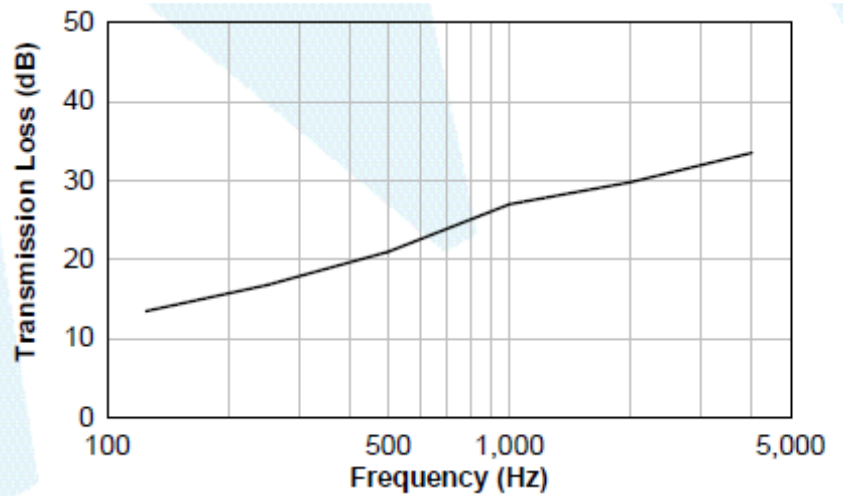
Data

Transmission Loss Curve, 5kg/m²

(BS EN ISO 140-3, Free Hanging Curtain)

Mean Sound Reduction Index,

SRI = 22dB



Transmission Loss Curve, 10kg/m²

(BS EN ISO 140-3, Free Hanging Curtain)

Mean Sound Reduction Index,

SRI = 28dB

