

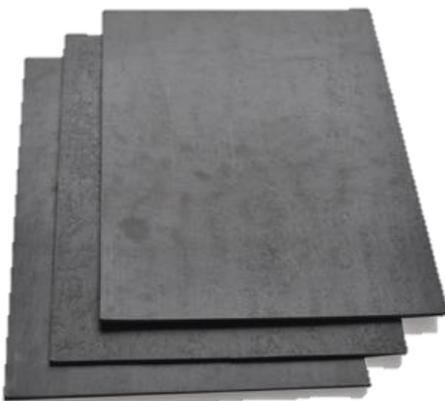


Barrier Mats

Barrier mats are designed to add mass to components to reduce noise transmission. They are manufactured from a flexible and durable polymeric material. The range includes four different variations: U5 is a highly flexible barrier mat, T5 is a highly flexible barrier mat with a Class 0 foil facing and BM 5N & 10N are barrier mats with additional fillers which increase the mechanical strength and durability.

Key Features and Benefits

- Excellent acoustic properties
- Flexible
- Hard wearing
- T5 offers Class 0 fire resistance



Barrier Mats

Applications

- Pipes and ducts
- Vehicle floors
- Bulkheads
- Partition walls
- Composites

Colour and Finish

U5 – Buff

T5 – Buff with silver foil facing

BM 5N & 10N – Black

Operating Temperature

Suitable for use at continuous operating temperatures up to 100°C.

Dimensions and Weight

Product	Thickness mm	Density Kg/m ²	Colour	Roll/Sheet Size
T5	2	5	Buff with silver foil face	1200 x 2000 sheet
BM 5N	2.5	5	Black	1000 x 10m roll
BM 10N	4.5	10	Black	1200 x 2000 sheet

Acoustic Performance

Product	Sound Transmission Loss (ISO R140)					
	100 Hz	200 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
T5	12	12	21	27	30	34
BM 5N	12	12	21	27	30	34
BM 10N	20	20	28	32	36	40

Technical Advice

Highly qualified building and acoustic consultants are available to offer assistance and advice to clients, architects and contractors on all aspects of noise control to ensure design specifications and acoustic performance requirements are achieved. They can also undertake noise surveys and provide details of anticipated reverberation times pre and post installation.

Fire Performance

Barrier mats meet the requirements of FMVSS 302/ISO3795

Application and Fixing

Barrier mats should be wrapped around pipes and ductwork incorporating a minimum 50mm overlap on all joints. They should be supported with non-metallic banding and/or an outer layer of wire mesh or similar.

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