

Barrier Mats

Barrier Mats are a flexible barium loaded vinyl barrier suitable for a wide range of industrial and commercial noise control applications.

It is ideal for use with ducts, pipes and steel framing. Barrier Mats can also be used as a barrier in walls, floors and ceilings to significantly increase the mass of these surfaces and thus reduce noise. Barrier Mat can also come with a self-adhesive backing making the product very user friendly.

Barrier Mat can be used as a sole sound absorption layer or as a part of a multilayer composite with other materials. It has naturally good resistance to mineral oils and is recyclable.

Applications

Barrier Mats have excellent damping properties and are designed to add mass to a substrate, they will reduce noise transmission on many products including mechanical and electrical equipment, automotive components, and extensively used within the building industry on walls, floors and ceilings etc.

Specifications

COLOUR
Black/Dark Grey

HARDNESS
85 (shore A)

FIRE PERFORMANCE
Self-extinguishing

THICKNESS
BM5 - 2 mm
BM10 - 4 mm

DENSITY
BM5 (5kg/m³)
BM10 (10kg/m³)

Waste Recovery

We recycle all offcuts and frames



Acoustic Performance

| Sound Transmission Loss | | | | | | |
|-------------------------|------|------|------|------|------|------|
| Material | 100 | 200 | 500 | 1k | 2k | 4k |
| BM5 | 15.7 | 16.9 | 23.4 | 26.6 | 31.4 | 37.2 |
| BM10 | 19.8 | 21.9 | 28.2 | 29.3 | 34.5 | 40.1 |

