

# Barrier Mats



## BM5 & BM10

### Description

Barrier Mats consist of thermoplastic polymer with phthalate esters and mineral fillers, making them an extremely durable and flexible product. They are available plain, self-adhesive backed or with a re-inforced Class 0 foil facing.

### Applications

Barrier Mats are designed to add mass and reduce noise transmission on various products, including mechanical and electrical equipment, automotive components, and extensively within the building industry on walls, floors, and ceilings e.t.c.

### Specification

Colour	Black
Thickness	BM5 - 2.5mm BM10 - 4.5mm
Density	BM5 (5kg/m <sup>2</sup> ) BM10 (10kg/m <sup>2</sup> )
Hardness	90° (shore A)
Elongation at break	Not less than 200%
Fire performance	F.M.V.S.S. 302 (self extinguishing)
Operating temperature	90°C for extended periods 120°C for short periods

### Acoustic Performance

Product	Sound Transmission Loss					
	100 Hz	200 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
BM5	12	12	21	27	30	34
BM10	20	20	28	32	36	40

Other densities of barrier mat are available by special request, please call for details.

#### **SOUND CONTROL SERVICES**

Unit 1, White Lodge, Ab Kettleby, Melton Mowbray Leicestershire. LE14 3JB  
Tel: 01664 823704 • Fax: 01664 444800 • Web: [www.soundcontrolservices.co.uk](http://www.soundcontrolservices.co.uk)