

Damping Mat - Bitumen

The DM Mats are manufactured from bitumen with added mineral fillers and synthetic rubber, forming a highly visco-elastic product.

They come with a self-adhesive backing and are available in four standard grades, the 5kg/m² also being available with a Class 1 foil facing.

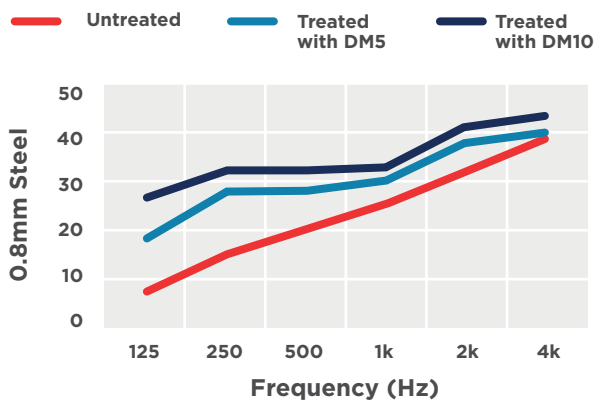
Applications

Damping Mats are used to reduce vibration in sheet metal and other resonant surfaces, such as vehicle body parts, machine panels, steel sinks and tables etc. They also improve sound insulation by adding mass to the structure.

Specification

Product	Thickness	Density	Temp Range	Flammability	Sheet size	Colour
DM3	1.5mm	3kg/m ²	-10° to +90°	FMVSS 302	1.5 x 1.0mt	Black
DM5	2.5mm	5kg/m ²	-10° to +90°	FMVSS 302	1.5 x 1.0mt	Black
DM5A	2.5mm	5kg/m ²	-10° to +90°	Class 1 BS 476:Part 7	1.5 x 1.0mt	Silver
DM10	5mm	10kg/m ²	-10° to +90°	FMVSS 302	1.5 x 1.0mt	Black

Sound Transmission Loss



Storage and Handling

Bitumen Damping Mats should be stored at temperatures between 10°C and 25°C.

Before use they should be allowed to stabilise at room temperature, ideally above 18°C. The adhesion will be increased if the sheet is preheated to 30°C.

The substrate should be clean, dry and free of oil or other contaminants. If necessary clean and dry the substrate with methylated spirit or similar.

Peel off the release paper, apply the mat, ideally on the horizontal plane, using forward and downward pressure.