

TECHNICAL DATA SHEET

Product: IsoVibra 100
Issue Number: 001
Issue Date: March 2026

Product Information

Description

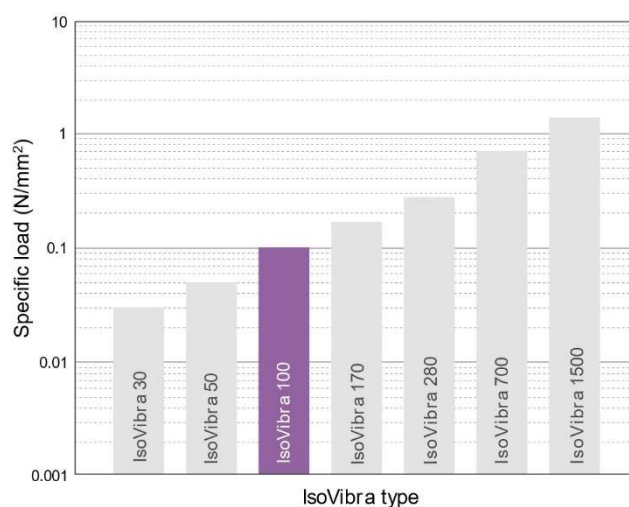
IsoVibra 100 is an elastic layer with vibration dampening and impact sound insulating properties for use in structural and civil engineering applications.

Colour: Multi Coloured
Surface: Granular.

Application

The IsoVibra range of structural and vibration products can be used to target specific vibration problems within a building. The range includes standalone products that can be used for everyday applications such as isolating partition walls along with products that can be used in high performance bespoke multi-layer solutions.

Load range	Load peak
up to 0.10 (N/mm ²)	up to 0.30 (N/mm ²)



Appearance & Packaging

Supplied in rolls or sheets in stock sizes (*dependant on thickness*):

Thickness: 15mm / 20mm / 30mm (± 1 mm)

Roll Width: 1.25m ($\pm 1.5\%$)

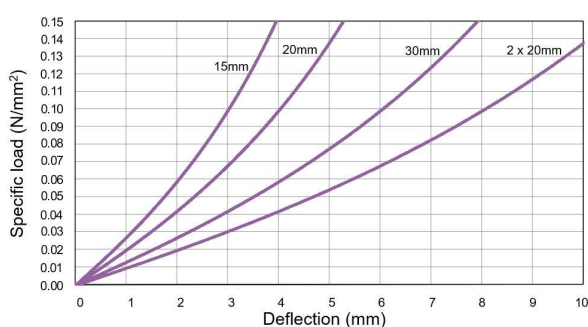
Roll Length: 1.0m ($\pm 1.5\%$)

If you require any further technical information please contact our Technical Department on 01582 544255.

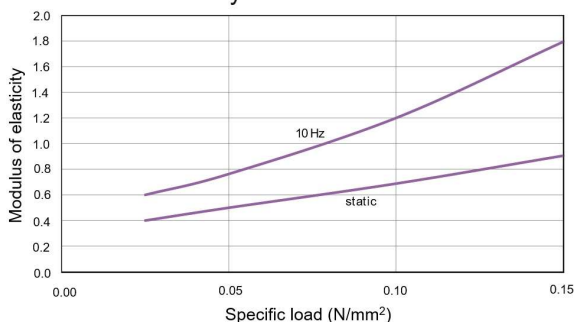
Physical Properties

Properties	Value	Test Method	Comment
Tensile Strength	0.15 – 0.7 N/mm ²	ISO 1798	
Elongation at Break	35 - 75%	ISO 1798	
Max. Pressure	0.10 N/mm ²	EN 826	
Bedding Modulus	0.03 - 0.09 N/mm ³	DIN 53513	depending on configuration, load and frequency
Natural Frequency	9 - 25 Hz		depending on configuration, load and frequency
Service Temp. Range	-30 to +80 C		
Flammability Rating	class E	EN 13501-1	
Density	330 - 430Kg/m ³		

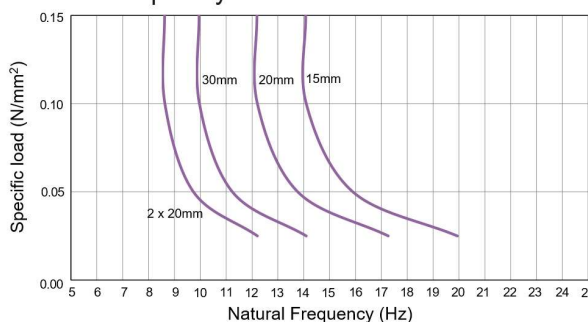
Load deflection curve



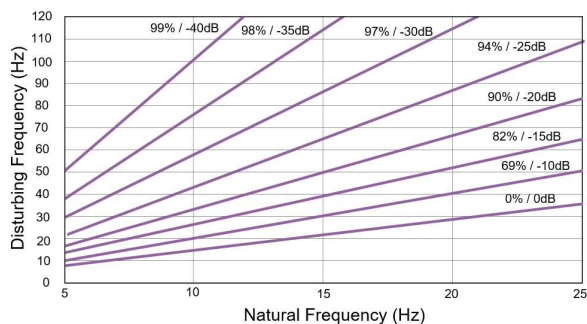
Modulus of elasticity



Natural frequency



Vibration isolation



Environmental Data

IsoVibra 100 is manufactured from recycled Polyurethane foam.

No blowing agents, CFCs or HCFCs are used during the manufacturing process.

Global Warming Potential : 0

Ozone Depletion Potential : 0

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