

TECHNICAL DATA SHEET

Product: IsoVibra 170
Issue Number: 001
Issue Date: March 2026

Product Information

Description

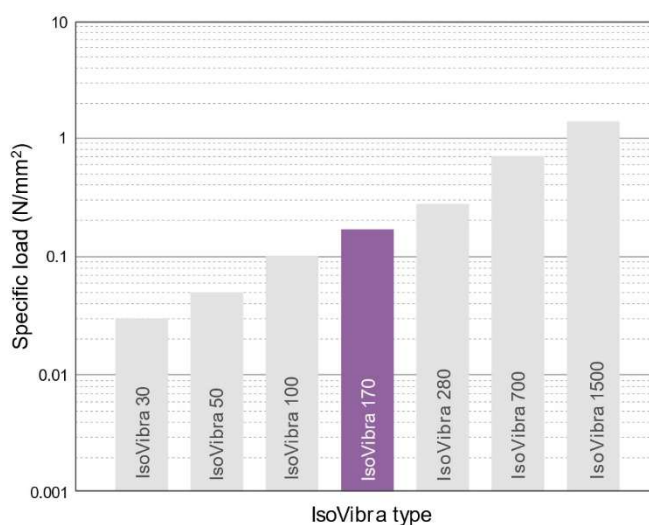
IsoVibra 170 is an elastic layer with vibration dampening and impact sound insulating properties for use in structural and civil engineering applications.

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 up to 0.17 (N/mm ²)	Load peak up to 0.70 (N/mm ²)
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Appearance & Packaging

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

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

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

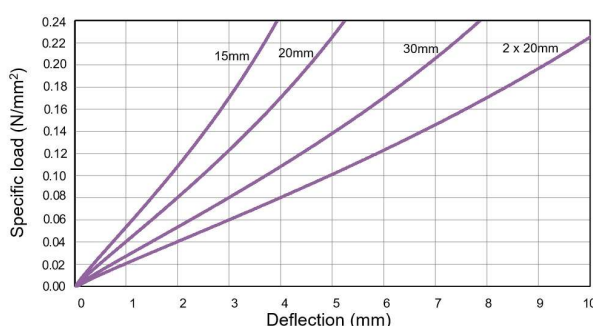
Roll Length: 1.0m ($\pm 1.5\%$)

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

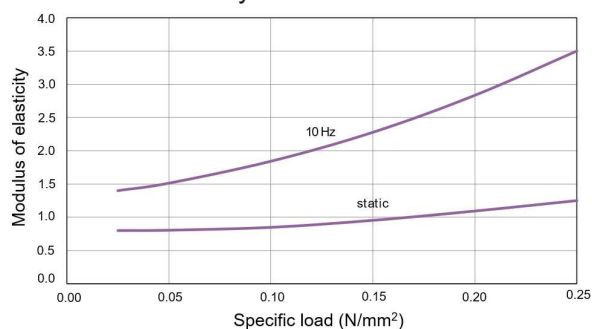
Physical Properties

Properties	Value	Test Method	Comment
Tensile Strength	0.15 – 055 N/mm ²	ISO 1798	
Elongation at Break	20 - 50%	ISO 1798	
Max. Pressure	0.17 N/mm ²	EN 826	
Bedding Modulus	0.05 - 0.70 N/mm ³	DIN 53513	depending on configuration, load and frequency
Natural Frequency	10 - 30 Hz		depending on configuration, load and frequency
Service Temp. Range	-30 to +80 C		
Flammability Rating	class E	EN 13501-1	
Density	340 - 440Kg/m ³		

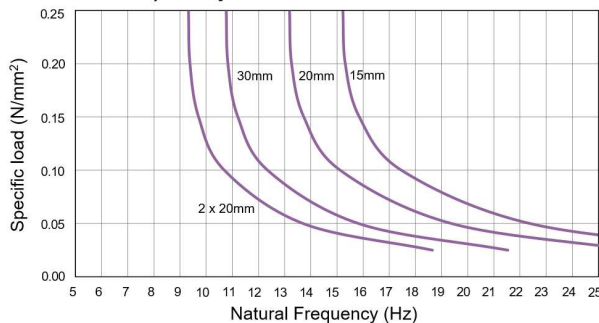
Load deflection curve



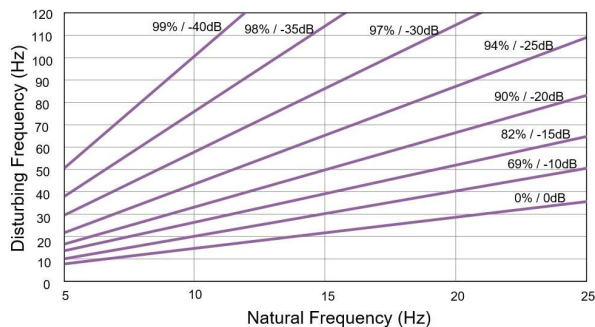
Modulus of elasticity



Natural frequency



Vibration isolation



Environmental Data

IsoVibra 170 is manufactured from recycled PU & EVA 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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