

FAVIM FV55

Recycled Rubber/Foam Vibration Isolation Matting

Why choose Farrat Favim FV55?

Farrat Favim is an environmentally friendly, high performance, durable and economical solution to provide vibration and impact sound insulation.

It is produced from the highest quality recycled rubber with a polyurethane bonding agent in tightly controlled, state of the art manufacturing processes.

Features

- ▶ 100% recycled and 100% recyclable
- ▶ Excellent impact sound insulation and vibration absorption
- ▶ Operating Loads up to 0.05N/mm^2 (50kPa)
- ▶ Simple and quick installation methods
- ▶ Excellent long-term resilience
- ▶ Resistance to moisture absorption and rot
- ▶ Able to be laid directly onto consolidated hardcore where it can compensate for surface irregularities

Can be supplied as full sheets, cut to size pads and strips (including holes and slots if required) according to the customer's requirements.

Applications

Farrat Favim FV55 is used for 'full area' vibration isolation, sound deadening and lateral isolation.

Industrial

- ▶ Factory and warehouse floor isolation
- ▶ Machine and plant isolated foundations / plinths
- ▶ Laterally isolated foundations

Buildings and Structures

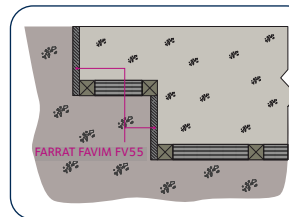
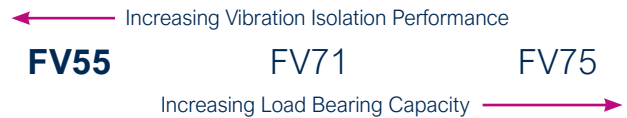
- ▶ Wall channel isolation
- ▶ Acoustic floating floors (commercial and residential)
- ▶ Light and medium weight partition isolations
- ▶ HVAC and plant equipment isolation
- ▶ Lifts and escalators
- ▶ Helicopter landing pads

For more information on using Favim FV55 (including standard details), please see the following Farrat Technical Brochures:

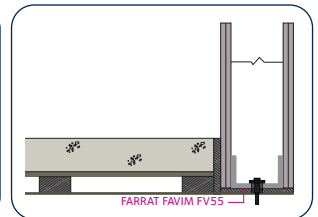
- ▶ **Applications - Isolation of Lightweight Partitions**
- ▶ **Applications - Perimeter Isolation Strips**

Available to download at: www.farrat.com

Farrat Favim Range:



Farrat Favim FV55 used as foundation sidewall isolation



Farrat Favim FV55 used to isolate a lightweight partition

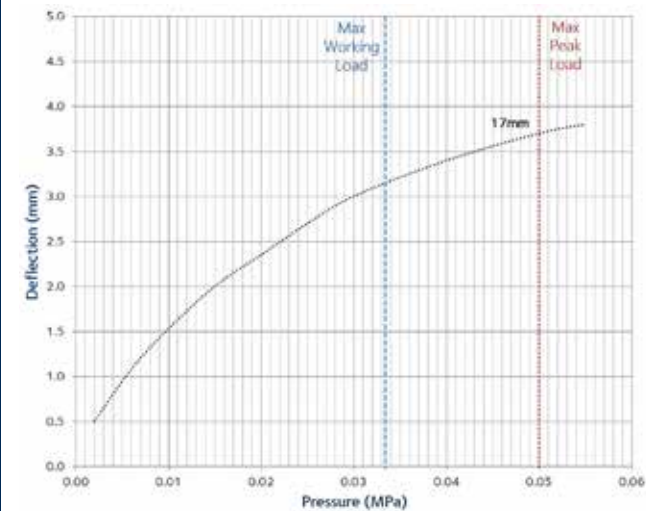
Farrat Favim FV55 site applications:



CHARACTERISTICS	TEST STANDARD	PROPERTIES	UNIT
Hardness	BS ISO 48:2010	N/A	IRHD
Density	BS EN ISO 845	550	Kg/m ³
Tensile Strength	BS ISO 37:2011	0.25	N/mm ²
Elongation at Break	BS ISO 37:2011	60	%
Flammability	BS EN 13501-1:2007	E _{fl} , B2	N/A
Compression Set (72HRS @ 23 °C)	ISO 815-1:2018	6.2	%

CHARACTERISTICS	TEST STANDARD	PROPERTIES	UNIT
Static Compression Modulus, E _c	Varies with load/thickness – see graphs		
Dynamic to Static Ratio	Determined using in-house test methodology Test pad dimensions: 300 x 300mm	2-3	N/A
Damping Ratio, C/C _c @ f _n		TBC	%
Max Static Pressure [Overload]		0.033 [0.050]	N/mm ²
Standard Sheet Size	+/-5%	1250x1000	mm
Operating Temperature	N/A	-30 to +80	°C

Static Deflection



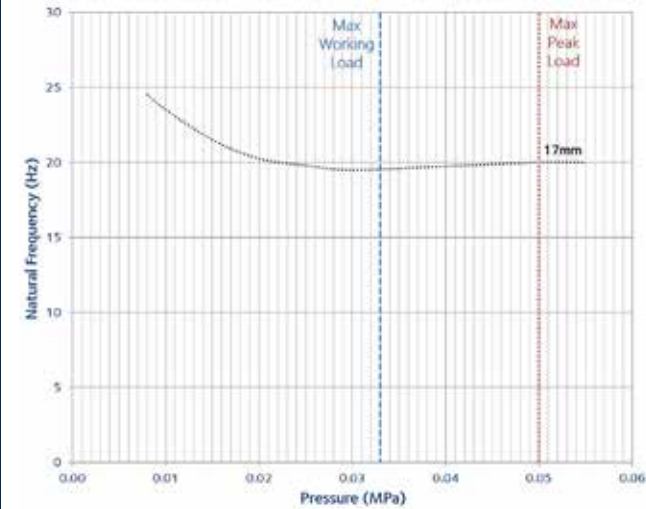
Key

----- 17mm

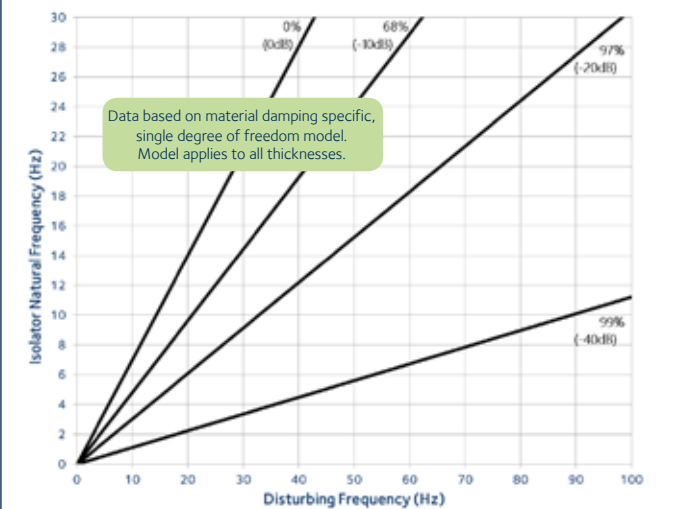
AVAILABILITY		
THICKNESS	TREAD (Bottom/Top)	STOCK
17 mm	Dimpled/Plain	Stock

TYPICAL LEAD TIMES		
STOCK	NON-STOCK	BESPOKE
2-3 working days	2-3 working weeks	4-6 working weeks
If cutting is required add +5 days		

Natural Frequency



Isolation Efficiency (Transmissibility)



All information in this datasheet is for guidance only based on current knowledge and may be subject to change and correction.