

GenieMat[®] GBV3000

GROUND-BORNE VIBRATION ISOLATION



PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieMat GBV3000
DESCRIPTION:	Dynamically soft rebonded-rubber material capable of withstanding high loads. Used when superior lateral or vertical vibration decoupling is required for building isolation.
APPLICATION:	Optimized for loads up to 435 psi (3000 kPa)
FEATURES AND BENEFITS:	• Dynamically soft for excellent vibration isolation • Mold, bacteria, fungi, and water resistant • Resistant to long-term creep, deflects uniformly over time • Will not break down or move under load • Easy to install
DIMENSION:	Panel: 24" x 24" (nom. 610 mm x nom. 610 mm)
THICKNESS:	2" (nom. 50 mm)
WEIGHT:	46.7 lb/Panel (21.2 kg/Panel)
AREA:	4 ft ² (0.37 m ²)
QUANTITY/PALLET:	40

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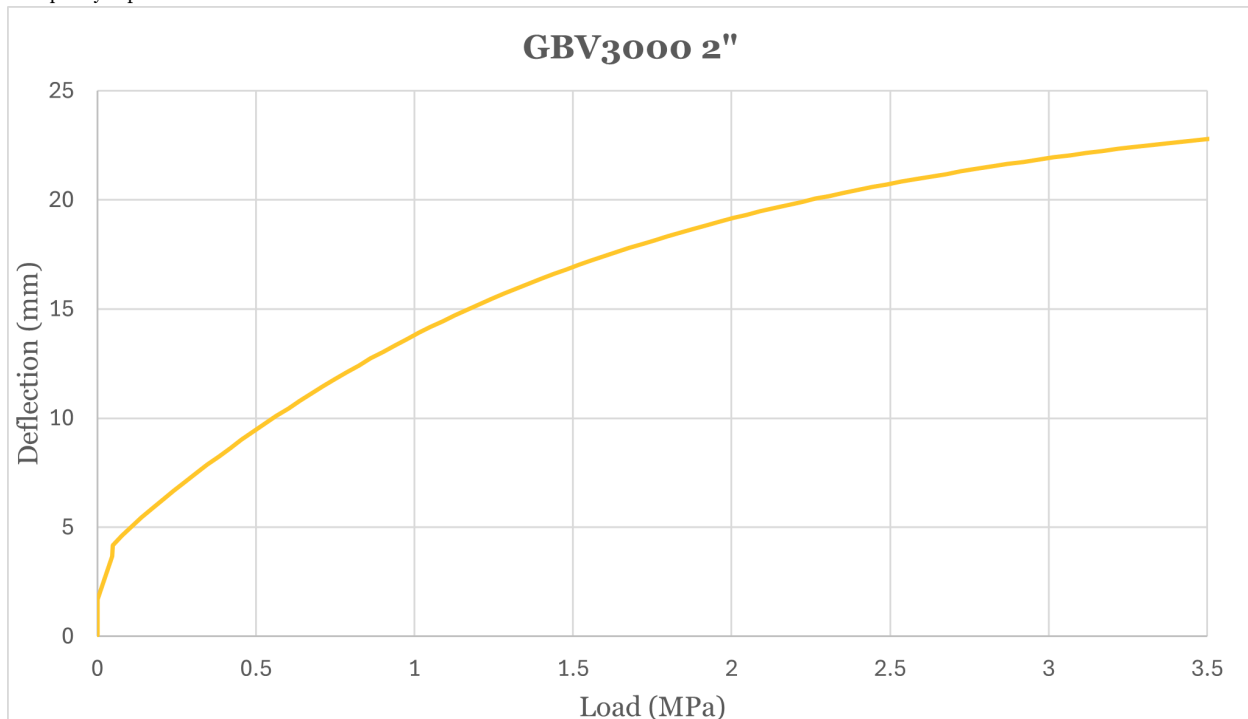
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TECHNICAL DATA

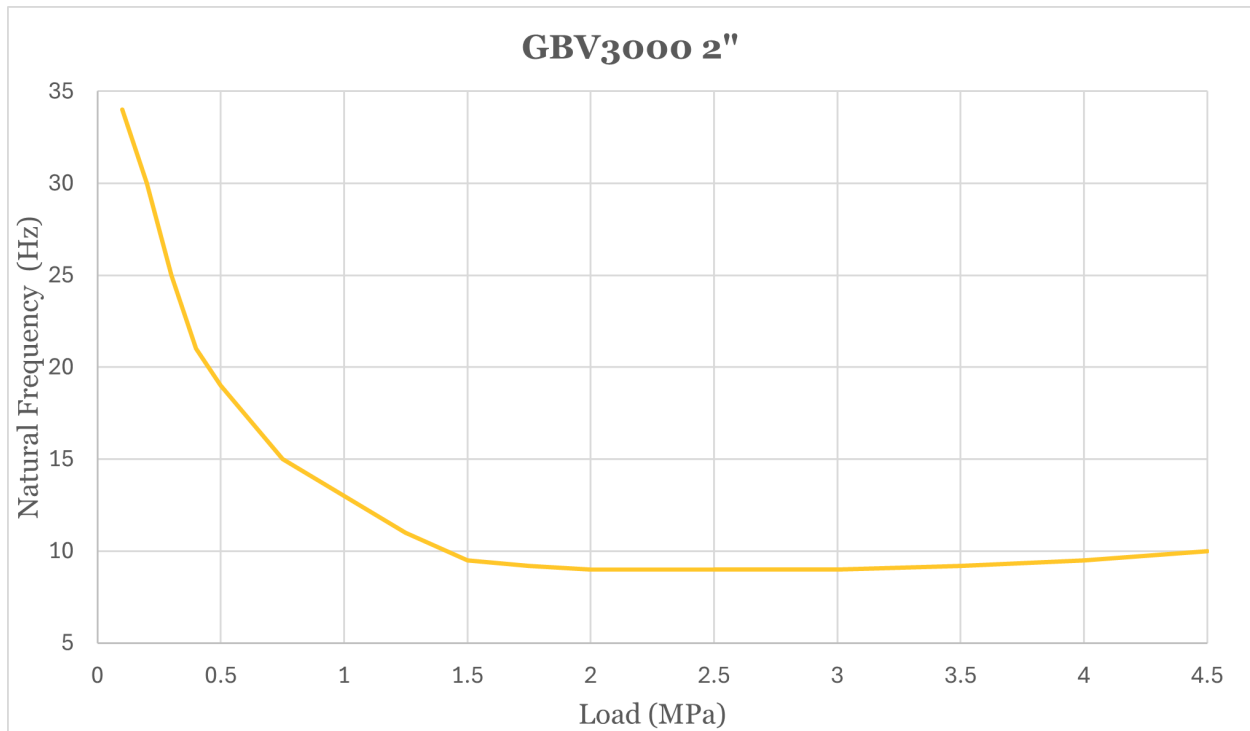
OPERATING LOAD RANGE:	108.75 - 435 psi (750 - 3000 kPa)
PEAK LOAD LIMIT:	653 psi (4500 kPa)
CREEP RATE (1000 HOURS @ MAX ALLOWABLE DESIGN LOAD):	1% per decade
MECHANICAL LOSS FACTOR (DIN 53513):	0.14*
TEMPERATURE STABILITY:	-40°F to +176°F (-40°C to +80°C)
THERMAL CONDUCTIVITY (DIN 52612):	0.76 BTU/ft·h·°F (0.133 W/m·K)
THERMAL RESISTANCE:	2.135 ft²·h·°F/BTU (0.376 m²·K/W)
NATURAL FREQUENCY:	Shall not be greater than 9 Hz @ 31328.1 psf (1.5 MPa) loading
30 Hz DYNAMIC MODULUS:	Shall be 4060 psi (28 MPa) @ 31328.1 psf (1.5 MPa) loading

*Load and frequency dependent



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