



vibradyn Vibration Isolation

Vibradyn is a closed-cell elastomer and it is made of a special kind of polyetherurethane. Thanks to its structure, this material absorbs almost no fluids and can therefore be used in pressing groundwater. We can offer you 7 standard materials as well as the possibility of producing special types in many colours and thicknesses.

Advantages

- improved soundproofing in timber construction
- very good damping properties
- maximum performance through optimisation of load stress
- low natural frequency in a wide load range
- defined compression

Field of application

- Decoupling of wall-ceiling joints through elastic layers that dampen vibrations

Recommended products



vibradyn WIU S750 angled underlay



vibradyn EKS HL3000 decoupling washer

Available dimensions

Article number	Type	Static load N/mm ²	Width	Length	Thickness	Colour
5VDS75125	S 75	0.075	1000 mm	2000 mm	12.5 mm	yellow
5VDS150125	S 150	0.15	1000 mm	2000 mm	12.5 mm	green
5VDS350125	S 350	0.35	1000 mm	2000 mm	12.5 mm	Blue
5VDS750125	S 750	0.75	1000 mm	2000 mm	12.5 mm	red
5VDS1500125	S 1500	1.5	1000 mm	2000 mm	12.5 mm	orange
5VDHL3000125	HL 3000	3	1000 mm	2000 mm	12.5 mm	dark blue
5VDHL6000125	HL 6000	6	535 mm	2000 mm	12.5 mm	grey-black
5VDHL12000125	HL 12000	12.000	535 mm	2000 mm	12.5 mm	gray - green

Technical data

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Info

For the most demanding vibration insulation requirements, a calculation tailored to the individual load can be performed for vibradyn and vibrafoam products, providing information on the damping values in different frequency ranges. The polyether urethane-based materials offer the best possible material basis for insulation down to the lowest possible frequencies. The strips are laid between the wall and ceiling. Self-adhesive strips are available as an option for fixing during the construction phase. You can purchase whole mats, or ISOCELL can cut the product to your desired width. The dimensions and estimated loads of the component are required to determine the correct type of bearing. With this information, ISOCELL Building Technology can help you select the right product.

