

PLAKA dBREAK - ISOMUR PK VHD

Acoustic bearing strip of very high density for walls
(1.2 tot 1.5 MPa)

REF 12.04.04 - Version V01 - 18/08/2020



Description

Sound vibrations expands through the structure (wall-wall, wall-floor,...) without any obstacle. To reduce the transmission of flanking sound and to achieve an increased acoustic comfort, it is necessary to decouple walls at the top and/or bottom by mean of an elastic bearing ISOMUR PK VHD.

These ISOMUR PK VHD strips are suitable for non-load-bearing / and load-bearing walls.

Application fields

The ISOMUR PK VHD strips will be used as flexible bearings of walls and floor slabs, in order to obtain an acoustic uncoupling and to reduce vibration transmission through the wall.

Main applications : apartments and terraced houses.

Load range of the ISOMUR PK VDH : 1.2 to 1.5 MPa

In case of interrupted floor slabs, the elastic strips ISOMUR PK VHD will be installed at the foot of the walls. In case of uninterrupted floor slabs it is necessary to disconnect the walls by mean of acoustic ISOMUR PK VHD strips, both at the bottom and the top of the wall.

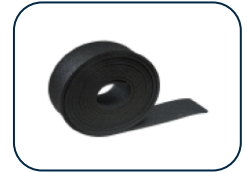
Properties

ISOMUR PK VHD		
Material		Recycled rubber granules, bound with PU-glue
Thickness bearing		10 mm
Standard widths		100, 150 and 200 mm (other widths available on request)
Length (on roll)		6 m
Density	ASTM F104	1050 kg/m ³ (+/- 30 kg/m ³)
Load range		1.2 MPa to 1.5 MPa
Compression		1 to 2 mm depending on the load
Natural frequency		Varies from 25 to 40 Hz in function of the mass
Hardness - shore	ASTM D2240	40 – 50 A
Temperature range		-40 to 80°C
Thermal conductivity	DIN 52612	0.14 W/mK
Fire class		M3
Chemical resistance		Resistant to water and many acids and bases; chemically neutral; UV resistant

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Dimensions

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Description	Material				Qty/pallet	Code	
Acoustic bearing ISOMUR PK VHD	W mm	T mm	m/box	Kg/m			
	100	10	6	1.05	792 m	HUISOMURPKVHD10100	
	150	10	6	1.58	528 m	HUISOMURPKVHD10150	
	200	10	6	2.10	396 m	HUISOMURPKVHD10200	

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