

PLAKA dBREAK - ISOMUR PK L

Acoustic bearing strip for light-weight walls (to 0.1 MPa)

REF 12.04.05 - Version V01 - 18/08/2020



Description

ISOMUR PK L is used to reduce the expansion of sound vibrations that can run easily through the structure (wall-wall or wall-floor connections,...) 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 L.

Application fields

The ISOMUR PK L strips can be used as flexible bearings of walls, in order to obtain an acoustic uncoupling and to reduce vibration transmission through the walls.

Main applications : apartments, offices and terraced houses.

Properties

Characteristic	Standard	Value
Material		Resin-bonded rubber foam
Colour		Black
Volumic weight	ASTM F104	400 - 500 kg/m ³
Optimal load range		from 0.01 to 0.1 MPa
Deflection		1 to 2 mm in the optimal load range
Natural frequency		from 28 to 35 Hz in optimal load range
Hardness - shore	ASTM D2240	35 – 45 °A
Temperature range		-30 to 80°C
Tensile strength	ISO 37	> 0.2 MPa
Elongation at break	ISO 37	> 70%
Fire class		M3
Chemical resistance	Resistant to water and many acids and bases; chemically neutral; UV resistant	

Dimensions

Reference Code	Width [mm]	Thickness [mm]	Length [m]	Weight [kg/m]
HUISOMURPKL05100	100	5	2	0.25
HUISOMURPKL05150	150			0.38
HUISOMURPKL10080	80	10	6	0.40
HUISOMURPKL10100	100			0.50
HUISOMURPKL10150	150			0.75
HUISOMURPKL10200	200			1.00

©Copyright protected

This sheet, written with great care, supersedes all previous versions. The technical information on the design, models, illustrations, design values and specifications are believed to be accurate. We make no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with non suitable use of this product. We reserve the right to modify the contents of this form without prior notice.