

## MIRELON® strip th. 3 mm

### Impact sound insulation

MIRELON® is a soft and flexible strip made from closed cell polyethylene foam.

It represents an effective impact noise insulation due to its thickness of 3 mm. It allows a reduction in the overall thickness of the floor compared to the classic used materials. Low compressibility and consequent low permanent deformation eliminates different values of the drop of unequally loaded parts of the floor.

For these reasons, MIRELON® is the ideal material for new constructions, adaptations and reconstructions. It is ideal suited for additional impact sound insulation for ceilings separating individual apartments due to its small thickness, easy handling and easy installation.

It is also ideal for wet operations, where, thanks to its minimal water absorption, it is also suitable for insulating impact noise in bathrooms, laundries, etc.

MIRELON® is an ideal liner and packaging material in the field of industrial packaging.

### *MIRELON® th. 3 mm – physical properties*

parameter	symbol	unit	value	test method, protocol
thickness	-	mm	3	-
compressibility	K	%	7,1	CSI Zlín, č. 216/07
flexibility	$\epsilon$	%	69	CSI Zlín, č. 216/07
permanent deformation	$\delta$	%	2,2	CSI Zlín, č. 216/07
impact sound insulation	$\Delta L_w$	dB	18	ČSN EN ISO 140-8
coefficient of thermal conductivity [10 °C]	$\lambda$	W/m.K	0,046	ČSN EN 14313, EN 12667
water vapor diffusion resistance number	$\mu$	-	2247	ČSN EN ISO 12572
density	-	kg/m <sup>3</sup>	25 ± 5	ČSN EN ISO 845
water absorption	-	kg/m <sup>2</sup>	max. 0,05	ČSN EN 13 472
combustibility	-	-	F	ČSN EN 13 501-1
resistance	against moisture, acid, alkalis, petroleum substances etc.			