

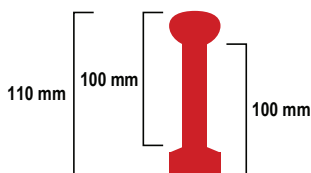
Description

Expansion joint in expanded Polyethylene, density 50 kg/mc.
H-shaped profile, adhesive stripe, red coloured. 2 mt. bar.



Technical features

Working temperature range (suggested)	- 10 °C / + 80 C
Colour:	Red
Cell structure:	Closed Cells
Density:	50 Kg/m3 +/- 5 Kg/m3
Deformation resistance	Very good
Steam permeability:	$\mu > 2500$
CFC free	In conformity with the italian Low L .549 del 28/12/93
Compression value at 10 % of deformation (kPa)	SV 90: 21,5 KPa SE 100: 9,6 KPa



Red product with adhesive on one side for about 2 cm, H 110 mm, thickness 10 mm. Dimensional tolerances $\pm 10\%$.

Compression value (example)

Concrete density (Kg/m ³)	Screed thickness (m)	Screed weight (Kg/m ²)	Concrete pressure on the foam (in the bottom)* (Pa)	Crush values (in the bottom) (mm)
1400	0,10	140	1373,4	0,12
1400	0,15	210	2060,1	0,18
2000	0,10	200	1962	0,17
2000	0,15	300	2943	0,26

* On-site compression values can improve as the weight of the screed is distributed over a large surface and is also supported by load-bearing structures. In fact, the joint does not support all the weight of the screed, but only a part of the whole weight, as it is installed in a vertical position and not horizontally below the screed. Therefore, the compression immediately was estimated for excess.