



IZOTERM EPE FOIL

Expanded Polyethylene foil and strips

Description

Closed-celled expanded polyethylene foil , sound and heat insulation of concrete layer.

Technical data

Properties	Test method	Unit	Typical value
Thickness	ISO 1823 DIN 53570	mm	5,10 ± 10%
Dimension	ISO 1823 DIN 53570	mm	nominal value ± 10%
Density	ISO 854 DIN 53420	kg/m ³	20 ± 10%
Firmness alongside	ISO 1798 DIN 53571	N/mm ²	0,3
Firmness crossside	ISO 1798 DIN 53571	N/mm ²	0,2
Extension by tearing alongside	ISO 1798 DIN 53571	%	70
Extension by tearing cross side	ISO 1798 DIN 53571	%	45
Pressure tension by 25 % contraction	ISO 844 DIN 53421	N/mm ²	0,02
Pressure tension by 50% contraction	ISO 844 DIN 53421	N/mm ²	0,07
Behindhead deformation 25%/24 h	ISO 1856 DIN 53572	%	5
Steam - permeability	ISO 1663 DIN526115	μ	>2000
Water absorption in 7 days	ISO 2896 DIN53433	vol. %	<2
Fire classification	EN 13501-1:2007	/	EUROCLASS E
Thermal conductivity	EN 12667	W/mK	λ≤0,06 /10°C
Color	Appearance	standard variable	Yellow

The product in 100% CFC and HCFC free.