

TECHNICAL DATA SHEET

FOLIAREX PI

FOLIAREX PI is material for vapour-proofing frame structures of walls, roofs and ceilings. Their mechanical strength is enhanced and their thickness is reduced thanks to multi-layer design.

Application		Type of plastic material		
For use as a vapor control layer in building construction		LDPE		
Characteristic		Test method	Unit	Declared value
Dimensions	thickness	EN 1849-2	mm	0,20 ± 40%
	width*	EN 1848-2	m	(2-4) ± 1%
	length of the the roll *		m	25 (-0/+2%) 50 (-0/+2%)
Mass per unit area		EN 1849-2	g	185 ± 40%
Reaction to fire		EN ISO 11925-2	-	Class F
Watertightness (2 kPa)		EN 1928	-	Pass
Resistance to tearing	in longitudinal direction	EN 12310-1	N	≥70
	in transverse direction		N	≥70
Maximum tensile stress	in longitudinal direction	EN 12311-2	N/50mm	≥70
	in transverse direction		N/50mm	≥50
Elongation at break	in longitudinal direction	EN 12311-2	%	≥240
	in transverse direction		%	≥240
Water vapour resistance		EN 1931	m ² sPa/kg	3,1*10 ¹¹ ± 40%
S _d		EN 1931	m	70 ± 30%
Resistance to impact		EN 12691	mm	NPD
Water vapour resistance after artificial ageing		EN 1931	-	Pass
Chemical resistance		EN 1847	-	NPD
Joint strength		EN 12317-2	-	NPD
Dangerous substances		----		NPD
Sanitary certificate		No. HK/B/0619/01/2016 valid until 15-07-2021		

* or as agreed with the customer

Mechanical fixing permitted provided the use of a special self-adhesive sealing tape.