

## TECHNICAL DATA SHEET

### FOLIAREX PI300

FOLIAREX PI 300 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	0,30 ± 40%
	width *	EN 1848-2	m	(2-6) ± 1%
	length of the the roll *		m	50 (-0/+2%)
Mass per unit area		EN 1848-2	g/m <sup>2</sup>	278 ± 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	≥80
	in transverse direction		N	≥80
Maximum tensile stress	in longitudinal direction	EN 12311-2	N/50mm	≥90
	in transverse direction		N/50mm	≥100
Elongation at break	in longitudinal direction		%	≥300
	in transverse direction		%	≥300
Water vapour resistance		EN 1931	m <sup>2</sup> sPa/kg	3,1*10 <sup>11</sup> ± 40%
S <sub>d</sub>		EN 1931	m	90 ± 20%
Chemical resistance		EN 1847	-	Pass
Durability against ageing		EN 1296 EN 1931	-	Pass
Joint strength		EN 12317-2	-	≥80
Resistance to impact (method B)		EN 12691	mm	NPD
Dangerous substances		----		NPD
Sanitary certificate		No. HK/B/0619/01/2016 valid until 15-07-2021		

\* or as agreed with the customer