

TECHNICAL DATA SHEET

METALLISED VAPOUR BARRIER MEMBRANE STROTEX AL 150

STROTEX AL 150 is the multilayer film consisting of one layer of metallized polypropylene film, polypropylene mesh and polyethylene film.

The film STROTEX AL 150 is designed to perform vapor barrier in the construction of roofs. The metallised layer reflects thermal radiation, preventing heat loss. Product is insulating barrier to water vapor and the wind.

Such membranes can be used in all ventilated and non-ventilated roofs.

Characteristic		Method test	Unit	Declared value
Dimensions	Wigth*	PN-EN 1848-2	m	1,5 ± 0,5%
	Length of the roll*		m	50 (-0/+2%)
	Thickness	PN-EN 1849-2	mm	0,26 (-0,01;+0,01)
Mass per unit area		PN-EN 1849-2	g/m ²	150 ± 20%
Reaction to fire		PN-EN ISO 11925-2	-	Class E
Water tightness (2 kPa)		PN-EN 1928	-	Conforming
Water tightness after artificial ageing		PN-EN 1296 PN-EN 1928	-	Conforming
Resistance to tearing	in longitudinal direction	PN-EN 12310-1	N	≥150
	in transverse direction		N	≥150
Maximum tensile stress	in longitudinal direction	PN-EN 12311-2	N/50mm	≥260
	in transverse direction		N/50mm	≥170
Elongation at break	in longitudinal direction		%	≥12
	in transverse direction		%	≥7
Water vapour resistance		PN-EN 1931	m ² sPa/kg	5,1*10 ¹¹ ± 40%
Temperature range		-----	°C	-30 ÷ 70
Chemical durability		PN-EN 1847	-	Conforming
Joint strenght		PN-EN 12317-2	-	Conforming
Resistance to impact		PN-EN 12691	mm	500
Dangerous substances		-----		NPD

* or as agreed with the customer

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