

TECHNICAL DATA SHEET

HIGH VAPOUR PERMEABLE ROOFING MEMBRANE **STROTEX EXPERT**



STROTEX EXPERT is diffuse-open membrane designed as house wrap, which goes under the external roofing. Membrane **STROTEX EXPERT** is totally waterproof, protects thermal insulation against rain or snow from the outside and also it is an excellent wind barrier designed a cover walls in framed structures.

The product can be used in all ventilated and non-ventilated roofs, under a variety of roofing (eg.ceramic tile, concrete tile, metal tiles, etc.).

Characteristics		Test metod	Unit	Declared value
Dimensions	width *	EN 1848-2	m	1,5 ± 0,5%
	length of the the roll *		m	50 (-0/+2%)
Mass per unit area		EN 1849-2	g/m ²	115 ± 10%
Reaction to fire		EN ISO 11925-2	-	Class E
Watertightness (2 kPa)		EN 1928	-	Class W1
Watertightness after artificial ageing		EN 1296 EN 1928	-	Class W1
Resistance to tearing	in longitudinal direction	EN 12310-1	N	130 (+20;-45)
	in transverse direction		N	130 (+20;-45)
Tensile strength	in longitudinal direction	EN 12311-2	N/50mm	180 (+40;-40)
	in transverse direction		N/50mm	100 (+30;-30)
Elongation at break	in longitudinal direction		%	90 (+30;-30)
	in transverse direction		%	130 (+40;-40)
Tensile strength after artificial ageing	in longitudinal direction	EN 1296 EN 1297 EN 12311-2	N/50mm	125 (+30; -30)
	in transverse direction		N/50mm	70 (+20;-20)
Elongation at break after artificial ageing	in longitudinal direction		%	60 (+20;-20)
	in transverse direction		%	90 (+30;-30)
Water vapour resistance		EN 1931	m ² sPa/kg	2,2 *10 ⁸ ± 20%
Vapour permeability		EN 1931	(g/m ²)/24h	>1700
S _d		EN 1931	m	0,02 (-0,01;+0,03)
Application temperature range		-----	°C	-30 ÷ 80
Dangerous substances		-----	-	NPD

* or as agreed with the customer

The membrane should be protected from direct exposure to UV radiation within one month of installation and from the effects of scattered radiation - max. within 3 months, by installation of insulation on the inside.