

TECHNICAL DATA SHEET

**HIGH VAPOUR PERMEABLE
ROOFING MEMBRANE
STROTEX MEDIUM**



STROTEX MEDIUM is diffuse-open membrane designed as house wrap, which goes under the external roofing. Membrane **STROTEX MEDIUM** 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	150 ± 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	160 (+25;-25)
	in transverse direction		N	160 (+25;-25)
Tensile strength	in longitudinal direction	EN 12311-2	N/50mm	230 (+35;-35)
	in transverse direction		N/50mm	130 (+20;-20)
Elongation at break	in longitudinal direction		%	90 (+15;-15)
	in transverse direction		%	130 (+30;-30)
Tensile strength after artificial ageing	in longitudinal direction	EN 1296 EN 1297 EN 12311-2	N/50mm	160 (+25; -25)
	in transverse direction		N/50mm	90 (+15;-15)
Elongation at break after artificial ageing	in longitudinal direction		%	60 (+10;-10)
	in transverse direction		%	90 (+15;-15)
Water vapour resistance		EN 1931	m ² sPa/kg	1,9 *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.