

TECHNICAL DATA SHEET

HIGH BREATHABLE ROOFING MEMBRANE

TEMATEX BASIC 120



TEMATEX BASIC 120 is 3-layers, diffuse-open membrane designed as a layer of initial covering under the external roof covering. Membrane **TEMATEX BASIC 120** is completely waterproof, protects thermal insulation from the outside against rain or snow from the outside and also it is an excellent wind barrier intended to cover of the building walls in framed structures, as well as in log houses, structures of residential buildings and industrial halls.

The product can be used in all ventilated and unventilated 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	95 ± 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	100 (+30; -30)
	in transverse direction		N	110 (+30; -30)
Tensile strength	in longitudinal direction	EN 12311-1	N/50mm	150 (+30; -30)
	in transverse direction		N/50mm	85 (+20; -20)
Elongation	in longitudinal direction		%	80 (+30; -30)
	in transverse direction		%	150 (+50; -50)
Tensile strength after artificial ageing	in longitudinal direction	EN 1296 EN 1297 EN 12311-1	N/50mm	120 (+30; -30)
	in transverse direction		N/50mm	70 (+20; -20)
Elongation after artificial ageing	in longitudinal direction		%	70 (+30; -30)
	in transverse direction		%	120 (+50; -50)
Water vapour transmission (S _d)		EN ISO 12572	m	0,02 (+0,03; -0,01)
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.

The membrane **is not resistant** to action of the petroleum substances (e.g. oil, gasoline etc.).