Valid from 2022-07-28

CE

TECHNICAL DATA SHEET

HIGH BREATHABLE
ROOFING MEMBRANE

TEMATEX STRONG PREMIUM 160

TEMATEX STRONG PREMIUM 160 is the 4-layers vapour breathable roofing membrane. The product is used as the additional layer protecting an attic from dust, snow and moisture - under roof tiles made from profiled steel, ceramic plates, corrugated plates.

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	160 ± 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	300 (+60; -60)
	in transverse direction		N	340 (+60; -60)
Tensile strength	**in longitudinal direction**	EN 12311-1	N/50mm	400 (+60; -60)
	in transverse direction		N/50mm	340 (+40; -40)
Elongation	**in longitudinal direction**		%	30 (+10; -10)
	in transverse direction		%	30 (+10; -10)
Tensile strength after artificial ageing	**in longitudinal direction**	EN 1296 EN 1297 EN 12311-1	N/50mm	360 (+50; -50)
	in transverse direction		N/50mm	300 (+40; -40)
Elongation after artificial ageing	**in longitudinal direction**		%	30 (+10; -10)
	in transverse direction		%	30 (+10; -10)
Water vapour transmission (S_d)		EN ISO 12572	m	0,03 (+0,01; -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.).