BILKA 180 ANTICONDENSATION FOIL

CARACTERISTICS		TEST METHOD	DECLARED VALUE
Dimensions	width	EN 1848-2	1,5m ± 0,5%
	length of the roll		50m (-0/+2%)
Mass per unit (g/m²)		EN 1849-2	180 ± 11%
Reaction to fire		EN 11925-2	E Class
Watertightness (2kPa)		EN 1928	W1 Class
Watertightness after artificial ageing		EN 1296 EN 1928	W1 Class
Resistance to tearing	longitudinal direction	EN 12310-1	170N (+60; -60)
	transverse direction		180N (+60; -60)
Tensile strength	longitudinal direction	EN 12311-2	270 N/50mm (+60; -60)
	transverse direction		140 N/50mm (+35; -35)
Elongation	longitudinal direction		100% (+40; -40)
	transverse direction		150% (+40; -40)
Tensile strength after artificial ageing	longitudinal direction	EN 1296 EN 1297 EN 12311-2	190 N/50mm (+50; -50)
	transverse direction		110 N/50mm (+25; -25)
Elongation after artificial ageing	longitudinal direction		80% (+30; -30)
	transverse direction		120% (+35; -35)
Vapour permeability		EN 1931	>1700 (g/m²)/24h
S_d		EN 1931	0,02m (+0,04; -0,01)
Application temperature range		-	-30 : 80 °C
Dangerous substances		-	NPD

CARACTERISTICS

Three-layered diffuse-open membrane, used as a waterproof protection layer, which protects thermal insulation against rain, snow or dust from the outside. Thanks to its breathability, it does not require any ventilation duct between the foil and insulation. Thus, no air currents are generated, increasing the efficiency of the insulation.

" It can be used in all ventilated and non-ventilaed roofs.

Assemblage rules: The foil under the roof is installed in compliance with the standard DIN 4108 ensuring ventilation under the foil, fixed with battens and rafters, with upward inscription. Given that **BILKA 180** foil is permeable to the vapors of the composition, it can be mounted directly on the thermal insulation, the ventilation channel between the foil and insulation will not occur. The foil is mounted parallel to the eaves, with an overlap marked on the roll edge with a colored stripe (min. 10 cm). It will be mounted given direction of the water flow, it can cross over the ridge of the roof. It is a diffusion foil that resists to normal thermal loads.

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

Storage rules: At shelter, dry place, away from moisture, sunlight and radiant heat.

Period of use: In compliance with the storage rules, retain their qualities for 5 years from purchase.

Possible risks: There is no risk of endangering health.

DATA SHEET | BILKA 180 ANTICONDENSATION FOIL

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