

VAPOR EVO 190

HIGH PERFORMANCE VAPOUR CONTROL MEMBRANE

NEW GENERATION

It is part of the EVO membrane family because it contains a special film that ensures durability and high UV stability.

UV STABILITY

Its formulation achieves UV stability for up to 6 months, offering maximum protection to the roof and underlying structure.

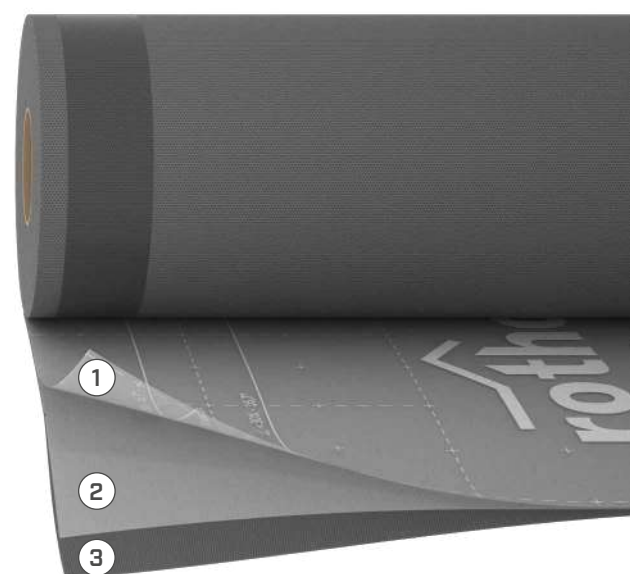
HIGH THERMAL RESISTANCE

The special mix of the functional film allows the product to guarantee its performance even when subjected to high thermal stress in extreme climatic conditions.



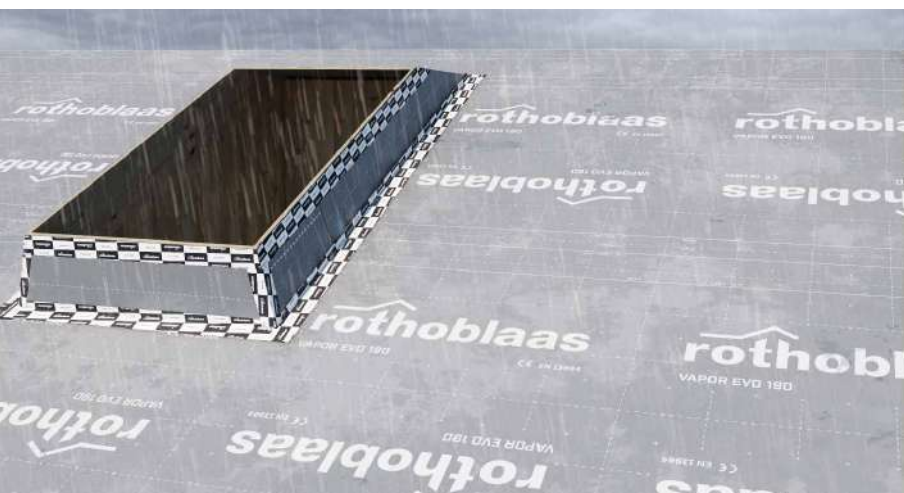
COMPOSITION

- ① top layer: highly UV-stable non-woven PP fabric
- ② middle layer: EVO PE functional film
- ③ bottom layer: non-woven PP fabric



CODES AND DIMENSIONS

CODE	description	tape	H [m]	L [m]	A [m ²]	H [ft]	L [ft]	A [ft ²]	
VEVO190	VAPOR EVO 190	-	1,5	50	75	5	164	807	20
VTTEVO190	VAPOR EVO 190 TT	TT	1,5	50	75	5	164	807	20



PROTECTION

Maximum protection against wear and heavy rain during installation/construction. The monolithic film ensures impermeability even under high mechanical wear and tear and contact with aggressive chemicals.

SECURE SEALING

Installation and sealant can be done perfectly, thanks to integrated double tape and the adherence offered by the lower support fabric.

TECHNICAL DATA

Properties	standard	value	USC units
Mass per unit area	EN 1849-2	190 g/m ²	0.62 oz/ft ²
Thickness	EN 1849-2	0,6 mm	24 mil
Water vapour transmission (Sd)	EN 1931	5 m	0.7 US Perm
Maximum tensile force MD/CD ⁽¹⁾	EN 12311-2	480/500 N/50 mm	55/57 lbf/in
Elongation MD/CD ⁽¹⁾	EN 12311-2	65/65 %	-
Resistance to nail tearing MD/CD ⁽¹⁾	EN 12310-1	265/320 N	60/72 lbf
Watertightness	EN 1928	compliant	-
Water vapour resistance:			
- after artificial ageing	EN 1296/EN 1931	compliant	-
- in the presence of alkalis	EN 1847/EN 12311-2	npd	-
Reaction to fire	EN 13501-1	class E	-
Resistance to penetration of air	EN 12114	<0,02 m ³ /(m ² h50Pa)	0 cfm/ft ² at 50Pa
Resistance to temperature	-	40/100 °C	104/212 F
UV stability ⁽²⁾	EN 13859-1/2	1000 h (8 months)	-
Water column	ISO 811	600 cm	236 in
Thermal conductivity (λ)	-	0,3 W/(m·K)	0.17 BTU/h·ft·°F
Specific heat	-	1700 J/(kg·K)	-
Density	-	approx. 316 kg/m ³	approx. 20 lbm/ft ³
Water vapour resistance factor (μ)	-	approx. 8300	approx. 25 MNs/g
VOC	-	not relevant	-
Joint strength	EN 12317-2	150 N/50 mm	17 lbf/in

⁽¹⁾ Average values obtained from laboratory tests. Consult the Declaration of Performance for the minimum values.

⁽²⁾ Laboratory ageing test data cannot reproduce unforeseeable causes of the product's degradation, or consider the stresses to which it will be subjected during its service life. To ensure its integrity, as a precautionary measure, exposure to weathering during construction should be limited to a maximum of 10 weeks.

Waste classification (2014/955/EU): 17 02 03.

RELATED PRODUCTS



FLEXI BAND UV
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NAIL PLASTER
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LIZARD
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BLACK BAND
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THERMAL AND CHEMICAL STABILITY

Resistant up to 100°C, it is not affected by chemicals that it may come into contact with during roof work or through pollution in the air.