

# Technical Commercial data Sheet

## Vapolight

Vapour retarder under-tile membrane



### Dimensional features

Length	30 m - 1% (UNI EN 1848-1)	Toll. ≥
Width	1 m - 1% (UNI EN 1848-1)	Toll. ≥
Weight per m <sup>2</sup>	0,550/0,800kg (UNI EN 1849-1)	Toll. 10%

### Description

VAPOLIGHT is an under-tiles bituminous foil consisting in non woven polyester impregnated in an elastomeric compound and surfaced on both sides with a special polypropylene tissue.

### Application

- Use Personal Protective Equipment as requested by law;
- VAPOLIGHT is meant to be applied by loose bonding or riveting.

### Recommended Use

Vapour retarder under-tile protective layer on ventilated and non-ventilated pitched roofs either in concrete or wood structures.

### Storage

Keep the rolls in warehouse, not exposed to the sun rays and at a temperature not below +5°C.

Keep the rolls in the upright position. Avoid if possible to stack pallets. It is advisable to use the product within 2/3 months from delivery.

TYPE	REINFORCEMENT	UPPER AND LOWER FACING	WEIGHT/m <sup>2</sup>	m <sup>2</sup> PER PALLET
VAPOLIGHT	Polyester	Polypropylene	0.550 kg	900
VAPOLIGHT 800	Polyester	Polypropylene	0.800 kg	750



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Test	Standard Reference	VAPOLIGHT	VAPOLIGHT 800	TOLERANCE
Visible Faults	UNI EN 1850-1	absent	absent	-
Straightness	UNI EN 1848-1	10 mm on 10 m	10 mm on 10 m	≤
Resistance to water penetration	EN 1928 (A method)	Class W1	Class W1	-
Cold flexibility	UNI EN 1109	- 20 °C	- 20 °C	≤
Vapour transmission properties	UNI EN 1931	$8,86 \times 10^{-9}$ Kg (m <sup>2</sup> s)	$8,86 \times 10^{-9}$ Kg (m <sup>2</sup> s)	± 15%
Vapour diffusion resistance factor	UNI EN 1931	μ = 60000	μ = 60000	-
L dimensional stability	UNI EN 1107-1	-0,8%	-0,8%	≥
Tensile strength at breaking L/T	UNI EN 12311-1	L 450 N/5 cm T 350 N/5 cm	L 450 N/5 cm T 350 N/5 cm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	L 40% T 40%	L 40% T 40%	-15 a.v.
Tear resistance (B method) L/T	UNI EN 12310-1	L 100 N T 100 N	L 100 N T 100 N	- 30 %
Dynamic punching resistance	UNI EN 12691	300 mm	300 mm	≥
Fire reaction	EN 13501-1	NPD	NPD	-
Watertightness after exposure to chemical agents artificial ageing	UNI EN 1928 UNI EN 1847/ UNI EN 1296	NPD	Classe F	-
Res. to water penetration Tensile properties after artificial ageing	App. C EN 13859-1	NPD	NPD	-
Uses	EN 13970 System 3	Bituminous layer for vapour control	Bituminous layer for vapour control	-
	EN 13859-1 System 4	Under tiles	Under tiles	-

The Saint-Gobain PPC Italia S.p.A. quality system is certified according to EN ISO 9001

Follow proper application and storage modalities.

The CE marking of this bituminous membrane is in accordance with the European Construction Products Regulation 305/2011, is in agreement to the reference technical standards.

Saint Gobain PPC Italia has the right to change the technical data of this data sheet any time with no need of notice.



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