

Technical Commercial data Sheet

Aluvapor Tender

Waterproofing bitumen polymer membrane



Dimensional features

Length	20 m (2kg) 10 m (4 mm) (UNI EN 1848-1)	- 1%
Width	1 m (UNI EN 1848-1)	- 1%
Weight per m ²	2 kg (UNI EN 1849-1)	Toll. ±10%
Thickness	4 mm (UNI EN 1849-1)	Toll. ±10%

Description

ALUVAPOR TENDER is an elastoplastomeric membrane realized with a compound having a -5°C cold flexibility and a special reinforcement consisting in a goffered aluminum foil with 40 micron thickness, matched with a glass tissue.

Application

- Use Personal Protective Equipment as requested by law;
- Clean properly the surface on which membranes has to be applied;
- ALUVAPOR TENDER is meant to be applied by flame with a gas propane blow torch by heating the lower face, covered with a special thermofusibile film;
- Apply between +5° C and + 35° C.

Recommended Use

ALUVAPOR TENDER is designed to be employed either as an anti-vapour barrier on insulated roofs or as base layer or middle layer.

Storage

It is advisable to keep the rolls in warehouse, not exposed to the sun rays and at a higher temperature than +5°C. Keep the rolls in the upright position. If possible, avoid stacking pallets, especially with slated membranes. It is advisable to use the product within 2/3 months from delivery.

TYPE	REINFORCEMENT	UPPER FACING	THICKNESS WEIGHT/m ²	m ² PER PALLET
ALUVAPOR TENDER 2 KG	Glass tissue + Aluminum foil	Sand or Film	2 kg	460
ALUVAPOR TENDER 4 MM	Glass tissue + Aluminum foil	Sand or Film	4 mm	230

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Test	Standard Reference	ALUVAPOR TENDER	TOLERANCE
Visible Faults	UNI EN 1850-1	absent	-
Straightness	UNI EN 1848-1	10 mm	≤
Watertightness	UNI EN 1928	60 kPa	≥
Cold flexibility	UNI EN 1109	- 5 °C	≤
L dimensional stability	UNI EN 1107-1	NPD	≥
Flow resistance	EN 1110	120 °C	≥
Flow resistance after ageing	UNI EN 1296 UNI EN 1109	110 °C	- 10 °C
Tensile strength at breaking L/T	UNI EN 12311-1	500 N/50 mm 500 N/50 mm	- 20 %
Tensile strength at junctions L/T	UNI EN 12317-1	400 N/50 mm 400 N/50 mm	- 20 %
Elongation at breaking L/T	UNI EN 12311-1	3% / 3%	- 2 a.v.
Tear resistance (B method) L/T	UNI EN 12310-1	60 N 60 N	- 30 %
Dynamic punching resistance	UNI EN 12691	300 mm	≥
Resistance factor to vapour diffusion	UNI EN 1931	μ 670 000	-
Fire reaction	EN 13501-1	NPD	-
External fire performance	EN 13501-5	F roof	-
Vapour permeability following • exposure to artificial agents • exposure to chemical agents	UNI EN 1931 UNI EN 1296/ UNI EN 1847	NPD	-
Uses	EN 13970 System 3	Bituminous layer for vapour control	-
	EN 13707 System 2+	Base layer Middle layer	-

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 and is supported by certification no. 1370-CPR-0050.

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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