

## SOPRAVAP VISIO

**SOPRAVAP VISIO** is a translucent vapour barrier / vapour retarder screen with a high resistance to tearing. It can be installed, either on the roof in the traditional way on discontinuous substrate, either on wall on continuous or discontinuous substrate.

**SOPRAVAP VISIO** is also available in 3 meters width under the name **SOPRAVAP VISIO XL**.

### User application

**SOPRAVAP VISIO** is used as vapour barrier / vapour retarder and/or wind barrier (to improve the air permeability of the building).

**SOPRAVAP VISIO** is a vapour barrier / vapour retarder screen, to be used for wall, floor and roof, in compliance with standard NF P 21-204-1 (DTU 31.2 "Construction of timber frame houses and buildings").

**SOPRAVAP VISIO** is a vapour barrier / vapour retarder screen, to be used for roof, in compliance with CSTB guideline ("CPT installation of thermal insulation of attics").

**WARNING: SOPRAVAP VISIO** is not intended to be used as a vapor barrier in mountain climate for the **SARKING** process.

### Composition

	SOPRAVAP VISIO
Density	120 ± 12 g/m <sup>2</sup>
Topside	Polyethylene film
Underside	Non-woven polypropylene film

### Packaging

	SOPRAVAP VISIO	SOPRAVAP VISIO XL
Dimensions of the roll :		
- Length	≥ 50 m	≥ 50 m
- Width	1,50 ± 0,02 m	3,00 ± 0,04 m
Weight of the roll	about 9 kg	about 18 kg
Colour	Translucent	
Marking	Each package bearing the CE marking	
Packaging	40 rolls lying down per pallet	20 rolls lying down per pallet
Storage	On flat support, away from weather Any changes in color of the foam does not affect product performance	
<small>Roll lengths are given with a tolerance of &lt; 1 %. Width of roll is given with a tolerance of 1% (UEAtc). Rolls must be stored upright on flat ground. During storage, protect the rolls against moisture. In cold weather, we recommend that the rolls be kept at a minimum temperature of + 2°C (+ 36 °F) for at least 5 hours before installation.</small>		

## Characteristics - CE marking

**SOPRAVAP VISIO** is a vapour barrier / vapour retarder screen and complies with EN 13984.

Essential characteristics	Performances	Harmonised Technical Specification
Watertightness	<b>Conform</b>	<b>EN 13984 : 2013</b>
Resistance to impact	<b>NPD</b>	
Durability (resistance to humidity) Against artificial ageing In alkaline environment	<b>Conform</b> <b>NPD</b>	
Resistance to tearing L x T (N)	<b>130 x 160</b>	
Joint strength	<b>NPD</b>	
Water vapour transmission properties (Sd in m)	<b>26 [-7 ; +4]</b>	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	<b>180 x 140</b> <b>30 x 40</b>	
Reaction to fire	<b>F</b>	
Dangerous substances	<b>Complies</b>	

## Characteristics (outside CE marking)

Class of volatile substances emission in the indoor air	<b>A+</b>
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## Installation

**SOPRAVAP VISIO** is complying ( $S_d \geq 18$  m) and installed in accordance with standard NF P 21-204-1 (DTU 31.2 "Construction of timber frame houses and buildings"). It is laid continuously inside the heated room between the insulation and the internal lining. It concerns the entire exterior envelope of the housing or heated building.

### - Installation of an air barrier system:

**SOPRAVAP VISIO** is horizontally unrolled and stapled on the timber frames.

To ensure a better air tightness of the buildings, an overlap of at least 10 cm is required.

All overlaps, horizontal and vertical, are grouted continuously with the adhesive **AIR'STICK**.

A continuous cord of mastic **AIR'SOPRASEAL INT** is used to grout **SOPRAVAP VISIO** with walls: floor, ceiling and joineries.

### - Installation of UNIVERCELL with a blowing machine:

**SOPRAVAP VISIO** is particularly suitable for the blowing of the cellulose wadding **UNIVERCELL** in the holes with a maximum spacing of 60 cm between rafters.

- horizontally place on the top of the cavity, the first strip of **SOPRAVAP VISIO** with staples spaced of 3 to 5 cm,
- place the second strip with an overlap of 10 cm minimum,
- battens (cladding rail) will be fixed on rafters to support the external coverings, with a maximum spacing of 60 cm. One batten will cover the overlap grouted with **AIR'STICK**,
- tape **AIR'PATCH** on **SOPRAVAP VISIO** on the top (20 cm from the upper cladding rail) and at the middle of the hole,
- insert the extremity of the pipe through **AIR'PATCH**, previously cut around the extremity of the pipe on 1/3 to 1/2 of its circumference.

- blow **UNIVERCELL** in the hole. it may be necessary to drill some holes in **SOPRAVAP VISIO** with a screwdriver in the upper half of the cavity to facilitate the removal of air.
- tape a second piece of **AIR'PATCH** on the first one to fill the blowing hole. Caulk, by using **AIR'STICK**, any holes made for the evacuation of air.
- grout the vapour barrier **SOPRAVAP VISIO** on the floor, ceiling, joineries, by using the sealant **AIR'SOPRASEAL INT** to ensure a better air permeability of the building.

## Special indications

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### Hygiene, health and environment:

The product does not contain any substance likely to be detrimental to health or to environment and complies with generally admitted Health and Safety Requirements. For further information, please refer to relevant Safety Data Sheet.

### Quality control:

**SOPREMA** has always attached the highest importance to the quality of its products, to the respect of environment and men.

For this reason, we apply an integrated management of the Quality and Environment certified **ISO 9001** and **ISO 14001**.