

SOPLUTEC

SOPLUTEC is a rainscreen very permeable to water vapour presented in the form of large width rolls especially designed for vertical walls of timber frame houses.

SOPLUTEC complies with standard NF P 21-204-1 (Ref DTU 31.2 "Timber frame houses and buildings")

User application

SOPLUTEC is used as rainscreen behind the outer cladding, in compliance with standards NF P 21-204-1 (Ref DTU 31.2 - "Timber frame houses and buildings") and NF P 65-210-1 (Ref DTU 41.2 - "Exterior wooden cladding").

Its high permeability to water vapour avoids condensation on the underside, allows to be laid directly on insulation and protects elements of the bearing structure.

Composition

	SOPLUTEC
Density	120 ± 10 g/m ²
Topside	Non-woven polypropylene film
Intermediate membrane	Breathable polypropylene membrane
Underside	Non-woven polypropylene film

Packaging

	SOPLUTEC
Dimensions of the roll : Length Width	≥ 50 m 3,00 ± 0,05 m
Weight of the roll	about 18 kg
Colour	Anthracite topside White underside
Marking	Each package bearing the CE marking
Packaging	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

**SOPREMA**

Roofing material solutions

TECHNICAL DATA SHEET

n° PROFR006/b cancels and replaces PROFR006/a



Characteristics - CE marking

SOPLUTEC is a rainscreen and complies with EN 13859-2.

Essential characteristics	Performances	Harmonised Technical Specification
Reaction to fire	F	EN 13859-2 : 2010
Resistance to water penetration	W1	
Tensile properties :		
Tensile strength	250 ± 50 N/50 mm	
- Longitudinal	170 [-30 ; +50] N/50 mm	
- Transversal		
Elongation		
- Longitudinal	60 [-30; +60]	
- Transversal	80 [-40; +70]	
Resistance to tearing (Nail shank)		
- Longitudinal	150 ± 50 N	
- Transversal	190 ± 50 N	
Flexibility at low temperature (Pliability)	-40°C	
Artificial ageing behavior :		
Resistance to water penetration	W1	
Tensile strength	235 ± 50 N/50 mm	
- Longitudinal	115 [-15 ; +50] N/50 mm	
- Transversal		
Elongation		
- Longitudinal	40 [-20; +40]	
- Transversal	43 [-23; +37]	
Water vapour transmission properties (Sd)	0,05 [-0,03 ; + 0,04] m	

Additional characteristics	Performances	Test method
Dimensional stability	≤ ± 1,5 %	EN 1107-2
Resistance to air penetration at 50 Pa	0,000 m³/(m².h)	EN 12114

Installation

SOPLUTEC is laid in compliance with standards NF P 21-204-1 (Ref DTU 31.2 - "Timber frame houses and buildings") and NF P 65-210-1 (Ref DTU 41.2 - "Exterior wooden cladding").

SOPLUTEC is temporary fastened with nails or staples, then maintained by cleats fixed on the frame.

Special indications

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**.

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