

SOPLUTEC UV

SOPLUTEC UV is a rainscreen very permeable to water vapour in compliance with DTU 31.2, designed to be laid on vertical walls.

SOPLUTEC UV is especially suitable to be used behind outer cladding with open joints or slatted wood façade on buildings with timber or metal frame.

SOPLUTEC UV has a double integrated adhesive to ensure overlaps assembly.

User application

SOPLUTEC UV is used as rainscreen behind outer cladding, in compliance with standard 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"), especially behind cladding type XIII (CSTB guideline n°1833) with open joints ≤ 10 mm and a surface of opened joints $\leq 1,5\%$ of the totale surface of the cladding. For opened joint ≥ 10 mm and/or a surface of opened joints $\geq 1,5\%$ of the totale surface of the cladding, please refer to the Technical Approval of the cladding to be sure that **SOPLUTEC UV** can be used.

SOPLUTEC UV is used as rainscreen behind cladding subject to a Technical Approval or a Statement of Traditionality, fastened either on metal frame in compliance with CSTB guideline n° 3194, either on timber frame in compliance with CSTB guideline n° 3316 (so only on concrete bearing structure in compliance with these two CSTB guidelines). The cladding can be with horizontal opened joints with size ≤ 20 mm and a totale surface of opened joints $\leq 20\%$ of the totale surface of the cladding.

Composition

	SOPLUTEC UV
Density	160 \pm 10 g/m ²
Nominal thickness	0,50 mm
Topside	UV-resistant coating
Intermediate membrane	Breathable polypropylene membrane
Underside	Non-woven polypropylene film

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Roofing material solutions

TECHNICAL DATA SHEET

n° PROFR007/a cancels and replaces N° DTE 12-026_EN CE



Packaging

	SOPLUTEC UV
Dimensions of the roll : Length Width	≥ 50 m 1,50 ± 0,02 m
Weight of the roll	about 12 kg
Colour	Printed black topside Black 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
<p>Roll lengths are given with a tolerance of < 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.</p>	

Characteristics - CE marking

SOPLUTEC UV 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		
- Longitudinal	250 [-60 ; +50] N/50 mm	
- Transversal	190 [-40 ; +70] N/50 mm	
Elongation		
- Longitudinal	55 [-20 ; +25] %	
- Transversal	70 [-30 ; +20] %	
Resistance to tearing (Nail shank)		
- Longitudinal	145 [-30 ; +40] N	
- Transversal	160 [-40 ; +30] N	
Flexibility at low temperature (Pliability)	-40°C	
Artificial ageing behavior :		
Resistance to water penetration	W1	
Tensile strength		
- Longitudinal	193 [-60 ; +50] N/50 mm	
- Transversal	171 [-40 ; +70] N/50 mm	
Elongation		
- Longitudinal	50 [-20 ; +25] %	
- Transversal	62 [-30 ; +20] %	
Water vapour transmission properties (Sd)	0,14 [-0,05 ; + 0,04] m	

Additional characteristics	Performances	Test method
Dimensional stability	≤ ± 1 %	EN 1107-2
Resistance to air penetration at 50 Pa	0,004 m³/(m².h)	EN 12114

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GROUP

Characteristics (outside CE marking)

Temperature of use	-40°C to +100°C	-
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Installation

SOPLUTEC UV 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 UV is unrolled on the facade, on continuous or discontinuous support, printed face on the outer side.

The double adhesive strip ensures the longitudinal overlaps assembly. The jointings of **SOPLUTEC UV** on joineries are made by using a continuous sealant bead of **AIR'SOPRASEAL EXT** laid on the rainscreen lower face

SOPLUTEC UV 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**.