

SOPLUTEC UV

Description

SOPLUTEC UV is a watertight breathable membrane composed of a non-woven polypropylene with a UV resistant coating on the exterior side.

It is applied behind the exterior cladding as insulation protection in an exterior cladding system on framing with open joints ≤ 30 mm and a total open joint area ≤ 40 % of the total surface of the cladding.

In the longitudinal direction, the overlap is provided with a double self-adhesive strip assembly for efficient installation.

Characteristics

Composition		Standard	Unit	Value	Tolerance
Composition			non-woven polypropylene with UV resistant coating		
Mass			g/m²	160	
Finish			the exterior side is provided with an imprint		
Technical characteristics					
Thickness		EN 1849-2	mm	0,50	
Tensile force	L	EN 12311-1	N/50 mm	210	-40/+30
	B			205	±30
Elongation at max. tensile force	L	EN 12311-1	%	55	±15
	B			70	-25/+15
Resistance to tearing (nail shank)	L	EN 12310-1	N	200	±60
	B			225	±15
Water vapour diffusion-equivalent		EN 1931	m	0,14	-0,01/+0,04
Dimensional stability		EN 1107-1	%	±1,5	
Resistance to air penetration		EN 12114	m³/ (m².h.50 Pa)	0,004	
Durability to water penetration after artificial ageing		EN 1297 / EN 1296 / EN 1928	5000 h UV / 90 days / 70 °C	W1	
Tensile force after artificial ageing	L	EN 1297 / EN 1296 / EN 12311-1	N/50 mm	190	-60/+30
	T			180	±30
Elongation at max. tensile force after artificial ageing L / T		EN 1297 / EN 1296 / EN 12311-1	%	50 / 40	±15
Application temperature			°C	-40/+100	
Reaction to fire		EN 13501-1	Class	E	
Packing					
Dimensions of the roll		EN 1848-1	m	≥ 50 x 1,5	
Mass/roll			kg	± 12	
Rolls/pallet				20	

NPD = performance not determined

Store the rolls horizontal in a dry place protected from direct sunlight.

Installation

SOPLUTEC UV is installed with the print on the outside behind the vertical wooden or metal frame supporting structure of the cladding. It can be temporarily secured with nails or staples.

The longitudinal overlaps are sealed with the integrated double self-adhesive strip. The vertical overlaps are sealed with PAVAFIX tape or PAVABOND sealant.

After installation it must be completely covered to avoid damage.

Always consult the local regulations and contact the manufacturer for technical questions.

Special indications

Hygiene, Health and Environment

The product does not contain any substance which is likely to be detrimental to your health or to the environment and complies with generally admitted Health and Safety Requirements.

Quality-, Environment- and Safety Management

SOPREMA always recognises as a high level of importance the quality of the products, the environment and safety. For this reason, we operate independently monitored Quality and Environment Assurance Systems in line with **EN ISO 9001** and **EN ISO 14001**.

