

SOPRASTICK SI UNILAY

SOPRASTICK SI UNILAY is a self-adhesive SBS elastomeric⁽¹⁾ bitumen waterproofing membrane with a composite polyester / glass reinforcement.

The self-adhesive strips on the underside are protected by a silicone release film and the topside is protected by slate chippings.

SOPRASTICK SI UNILAY includes a double overlap, self-adhesive + torched or heat welded ensuring an easy and reliable installation.

⁽¹⁾ Reduced density with an enhanced elastomeric bitumen binder.

User application

SOPRASTICK SI UNILAY is used as self-protected unilayer for elastomeric bitumen waterproofing system, applied on concrete or on heat-sensitive polyurethane/polyisocyanurate with compatible facers or expanded polystyrene thermal insulation panels.

To be used outside only.

All the applications are described in Technical Approvals or **SOPREMA**'s Technical Guidelines in force.

Composition

	SOPRASTICK SI UNILAY
Reinforcement	Composite polyester / glass
Binder	Elastomeric bitumen: blend of selected bitumen and SBS* thermoplastic polymers
Thickness (without self-adhesive strips) on overlap	3.7 mm (-5 % ; +5 %)
Topside	Slate chippings
Underside	Semi-continuous self-adhesive strips protected by a silicone release film
Overlap (DUO technology)	12 cm covered with a release film (8 cm self-adhesive + 4 cm with thermofusible film)
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings	

Packaging

	SOPRASTICK SI UNILAY
Dimensions of the roll	7 m x 1 m
Weight of the roll	about 36 kg
Colours	Black, Grey, Matisse brown, Gauguin red, Veronese green, Cezanne sienna, Chagall grey or Van Gogh ochre
Storage	Upright on pallet with plastic wrapping
Roll lengths are given with a tolerance of $\leq 1\%$. Roll can be cut in two parts. In this case, the shortest length is 2 meters and the total length is equal to the nominal length. Width of roll is given with a tolerance of 1% (UEAtc). Rolls must be stored upright on flat ground. Pallets may be stacked to a maximum of two high with separating layer. 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.	

Characteristics (off CE marking)

	SOPRSTICK SI UNILAY
Static puncture resistance (NF P 84-352)	≥ 25 kg (L4)
Dynamic puncture resistance (NF P 84-353)	≥ 20 J (D3)

Installation

SOPRSTICK SI UNILAY is semi loose-laid and self-adhered onto the substrate (primer is used on concrete), simply unroll the membrane onto a prepared and suitable substrate, after removing the protecting silicone release film.

Hot bitumen must not be used in the bonding process.

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.

Traceability:


Product traceability is ensured through a manufacturing code present on the packaging.

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**.

CE marking

 1119
SOPRSTICK SI UNILAY SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 06 Construction Product Regulation (CPR) Declaration of Performance: DoP n° WPBFR248 Certificate of Factory Production Control: 1119-CPR-13132, 13133, 13134.
EN 13707 Membrane composed of modified elastomeric bitumen and a composite polyester / glass reinforcement. Topside is protected by slate chippings and underside is covered a silicone release film. Dimensions : 7 m x 1 m x 3,7 mm. Must be laid entirely through self-adhesion.

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	FROOF (t1,t2,t3,t4)	EN 13707:2004 + A2:2009
Reaction to fire	E	
Watertightness	Conform	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	≥ 800 x 800 40 x 40	
Root resistance	NPD	
Resistance to static loading (kg)	20	
Resistance to impact (mm)	1750	
Resistance to tearing (N)	≥ 250	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	≥ 100 ≥ 800	
Durability Flow resistance at elevated temperature after ageing	≥ 90°C	
Flexibility at low temperature	≤ -16°C	
Dangerous substances (Notes 2 and 3)	Complies	

Note 1: Since external fire performance depends on the other components of the roof build-up, no performance can be given.

Note 2: This product does not contain asbestos or tar constituents.

Note 3: Since there is no European test method available, no performance declaration for leaching behavior can be made. It must be made according to national rules in force in the place of use.

Additional characteristics	SOPRSTICK SI UNILAY
	MLV*
Flow resistance at elevated temperature (EN 1110)	≥ 100 °C
Dimensional stability (EN 1107-1)	≤ 0,4 %
*MLV = Manufacturer's Limiting Value: Minimum value as started by the manufacturer to be met during testing of type, internal quality control or external supervision with a confidence level of 95 %	