

## SOPRALENE STICK 30

**SOPRALENE STICK 30** is a flexible SBS elastomeric bitumen waterproofing membrane with a composite glass/polyester reinforcement.

The topside is covered by a thermofusible film and the self-adhesive underside is protected by a silicone release film.

**SOPRALENE STICK 30** includes a double overlap (self adhesive + torched or heat welded) ensuring an easy and reliable installation.

### User application

**SOPRALENE STICK 30** is used as first layer on expanded polystyrene insulation in association with other weldable elastomeric bitumen membrane.

**SOPRALENE STICK 30** must be mechanically fastened for slope > 20%.

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

### Composition

	<b>SOPRALENE STICK 30</b>
Reinforcement	Composite glass / polyester
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness MDV <sup>(1)</sup> according to 13707	3,0 mm (± 0,2 mm)
Topside	Thermofusible film
Underside	Self-adhesive protected by a silicone release film
Overlap	Width 8 cm (4 cm self-adhesive + 4 cm film)
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings ( <sup>1</sup> ) MDV = Manufacturer's Declared Value	

### Packaging

	<b>SOPRALENE STICK 30</b>
Dimensions of the roll	10 m x 1 m
Weight of the roll	about 34 kg
Storage	Upright on pallet with plastic wrapping
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.	

## Installation

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**SOPRALENE STICK 30** will be laid directly onto suitable substrate after the silicone sheet protecting the self-adhesive underside has been removed.

The self-adhesive part of the overlap must be laid and the second part must be then torched-on or welded with hot air. Hot bitumen must not be used in the bonding process.

## 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.

### 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

 <b>1119</b>
<b>SOPRALENE STICK 30</b>  <b>SOPREMA</b> 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex  <b>06</b> Construction Product Regulation (CPR) Declaration of Performance : DoP n° WPBEX238 Certificate of Factory Production Control : 1119-CPR-13132, 13133, 13134.
<p style="text-align: center;"><b>EN 13707</b></p> <p>Membrane composed of modified elastomeric bitumen and composite glass / polyester reinforcement. Topside is covered by thermofusible film and the self-adhesive underside is covered with a silicone release film.          Dimensions 10 m x 1 m x 3,0 mm.          Must be laid entirely through self-adhesion (except 2<sup>nd</sup> part of overlap), cannot be used for single layer application.</p>

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	<b>F<sub>ROOF</sub> (t1,t2,t3,t4)</b>	<b>EN 13707:2004 + A2:2009</b>
Reaction to fire	<b>E</b>	
Watertightness	<b>Conform</b>	
Tensile properties : Tensile strength L x T (N / 50 mm) Elongation L x T (%)	<b>≥ 800 x 800 2 x 2</b>	
Root resistance	<b>NPD</b>	
Resistance to static loading (kg)	<b>5</b>	
Resistance to impact (mm)	<b>600</b>	
Resistance to tearing (N)	<b>≥ 150</b>	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	<b>NPD NPD</b>	
Durability Flow resistance at elevated temperature after ageing	<b>≥ 90°C</b>	
Flexibility at low temperature	<b>≤ -25°C</b>	
Dangerous substances (Notes 2 and 3)	<b>Complies</b>	

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	SOPRALENE STICK 30
	MLV*
Flow resistance at elevated temperature (EN 1110)	100 °C
Dimensional stability (EN 1107-1)	0,3 %
*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 %	