

SOPRAFIX UNILAY AR IC

SOPRAFIX UNILAY AR IC is a flexible SBS elastomeric bitumen waterproofing membrane with a composite polyester/glass reinforcement.

The topside is self-protected and covered by slate chippings and the underside is covered by fine sand. On the overlap, the lineage for fasteners axis is at 5 cm from the edge.

SOPRAFIX UNILAY AR IC contains fire resistant additives and allows to obtain a classification Factory Mutual. Please contact us for FM Approved roofing assemblies.

User application

SOPRAFIX UNILAY AR IC is used as unilayer membrane mechanically fastened at the overlap. The lineage shows the axis for fastening screws on the overlap.

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

Composition

	SOPRAFIX UNILAY AR IC
Reinforcement	Composite polyester / glass
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness MDV ⁽¹⁾ according to 13707 Minimum on overlap	4,7 mm (- 0 % ; + 10%) 4,0 mm (- 5% ; + 5%)
Topside	Natural or coloured slate chippings
Underside	Fine sand
Overlap	12 cm
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings	
⁽¹⁾ MDV = Manufacturer's Declared Value	

Packaging

	SOPRAFIX UNILAY AR IC
Dimensions of the roll	8 m x 1 m
Weight of the roll	about 48 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 (outside CE marking)

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

Installation

SOPRAFIX UNILAY AR IC is mechanically fastened and torched-on on the overlap.

SOPRAFIX UNILAY AR IC can not in any case be bonded with hot bitumen.

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

 2007
SOPRAFX UNILAY AR IC SOPREMA 14 rue de Saint-Nazaire – CS 60121 67025 STRASBOURG cedex 06 Construction Product Regulation (CPR) Declaration of Performance : DoP n° WPBFR224 Certificate of Factory Production Control : 2007-CPR-13109.
EN 13707 Membrane composed of modified elastomeric bitumen and composite polyester/glass reinforcement. Topside is covered with slate chippings and the underside is covered by fine sand. Dimensions 8 m x 1 m x 4,7 mm. Use as unilayer and mechanically fastened and welded by torch-on techniques or with hot air.

Essential characteristics	Performances	Harmonised Technical Specification
Classification for external fire exposure (Note 1)	F_{ROOF} (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 (%)	≥ 900 x 750 40 x 30	
Root resistance	NPD	
Resistance to static loading (kg)	20	
Resistance to impact (mm)	1500	
Resistance to tearing (N)	≥ 200 x 300	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	≥ 100 ≥ 750	
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	SOPRAFX UNILAY AR IC
	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 %	