SOPRAFIX AR

SOPRAFIX AR is a flexible SBS elastomeric bitumen waterproofing membrane with a glass fleece reinforcement.
The topside is self-protected and covered by slate chippings and the underside is covered by a thermofusible film.

User application

SOPRAFIX AR is used as self-protected second layer for **SOPRAFIX Bicouche** waterproofing systems.
To be used outside only.

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

Composition

	SOPRAFIX AR
Reinforcement	Glass fleece
Binder	Elastomeric bitumen : blend of selected bitumen and SBS* thermoplastic polymers
Thickness Minimum on overlap	2,6 mm (- 5%; + 5%)
Topside	Slate chippings
Underside	Thermofusible film
Overlap	≥ 60 mm
*According to UEAtc directives concerning the normalization of waterproof elastomeric SBS bitumen coverings.	

Packaging

	SOPRAFIX AR	
Dimensions of the roll	Standard* 6 m x 1 m	Export 10 m x 1 m
Weight of the roll	about 25 kg	about 41 kg
Storage	Upright on pallet with plastic wrapping, protected against moisture	
Roll lengths are given with a tolerance of ≤ 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.		

*Prevents from the arduousness for roofers on worksite.

SOPREMA SAS with a Capital of 50 000 000 - Headquarter: 14 rue de Saint-Nazaire – 67100 STRASBOURG – FRANCE Postal adress: CS 60121 - 67025 STRASBOURG CEDEX. RCS STRASBOURG: 314 527 557.SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.
Tel: 03 88 79 84 84 – Fax. : 03 88 79 84 85
www.soprema.com - E-mail : export@soprema.com

TECHNICAL DATA SHEET

n° WPBFR220/c cancels and replaces WPBFR220/b

Characteristics (off CE marking)

	SOPRAFIX AR
Static puncture resistance (NF P 84-352) - with **SOPRAFIX HP** underlayer	≥ 15 kg (L3)

Installation

SOPRAFIX AR is applied by torch-on techniques onto an underlayer mechanically fastened.

All the applications are described in Technical Guidelines or Technical Approvals in force.

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**.

SOPREMA SAS with a Capital of 50 000 000 - Headquarter: 14 rue de Saint-Nazaire – 67100 STRASBOURG – FRANCE Postal adress: CS 60121 - 67025 STRASBOURG CEDEX. RCS STRASBOURG: 314 527 557.SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.
Tel: 03 88 79 84 84 – Fax. : 03 88 79 84 85
www.soprema.com - E-mail : export@soprema.com

TECHNICAL DATA SHEET

n° WPBFR220/c cancels and replaces WPBFR220/b

CE marking

CE

1119

SOPRAFIX AR

SOPREMA
14 rue de Saint-Nazaire – CS 60121
67025 STRASBOURG cedex

06
Construction Product Regulation (CPR)
Declaration of Performance : DoP n° WPBFR220
Certificate of Factory Production Control: 1119-CPR-13132, 13133, 13134.

EN 13707

Membrane composed of modified elastomeric bitumen and a glass fleece reinforcement.
Topside is covered with slate chippings and the underside is covered with a thermofusible film.
Dimensions 10 m or 6 m x 1 m x 2,6 mm.
Applied by torch-on techniques, top layer only.

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 (%)	 ≥ 250 x 150 2 x 2	
Root resistance	NPD	
Resistance to static loading (kg)	5	
Resistance to impact (mm)	400	
Resistance to tearing (N)	≥ 50	
Joint strength Peel resistance of joints (N / 50 mm) Shear resistance of joints (N / 50 mm)	 NPD NPD	
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	SOPRAFIX AR
	MLV*
Flow resistance at elevated temperature (EN 1110)	100 °C
Dimensional stability (EN 1107-1)	0,1 %
*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 %	

SOPREMA SAS with a Capital of 50 000 000 - Headquarter: 14 rue de Saint-Nazaire – 67100 STRASBOURG – FRANCE Postal adress: CS 60121 - 67025 STRASBOURG CEDEX. RCS STRASBOURG: 314 527 557.SOPREMA reserves the right to amend the composition of its material and consequently their prices, without prior notice. For this reason, all orders will be accepted only in accordance with the conditions and technical specifications in force at the date of order.
Tel: 03 88 79 84 84 – Fax. : 03 88 79 84 85
www.soprema.com - E-mail : export@soprema.com