



It's a dirty job
and nobody should
have to do it

SOPRAFIX

High-performance Roofing System



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but will withstand high
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Soprafix the membrane you can count on to stay on*

THE SOPRAFIX SYSTEM is a heavy-duty two-ply roofing system with base sheets mechanically fastened to the deck and cap sheets fully bonded to the base sheets. This system can be installed over most roofing insulations. Cap sheets, installed by heat-welding or with adhesive are protected from ageing by lightweight colored granules.



**The Soprafix advantage means...
You'll never be worried about
high winds again**

Because the **SOPRAFIX** membrane is mechanically fastened, and is independent of substrate components, it does not require an insulation overlay to reduce wrinkling due to temperature variations.

As a result, your roof is protected from cracking season after season.

**The Soprafix system, when
everything counts !**

Compared to the traditional BUR system, inconvenience and odors are reduced ensuring the comfort of the building's occupants throughout installation.

There is no need to shovel layers of gravel on your roof.
SOPRAFIX is 3 times lighter than traditional systems.*
($\pm 10 \text{ kg/m}^2$ versus $\pm 30 \text{ kg/m}^2$ for BUR system).
A massive difference !

Systems and components

Heat-welded seams & caps

Base sheet	SOPRAPHIX STICK or SOPRAPHIX HP
Cap sheets	SOPRALENE FLAM180AR (heavy traffic applications)
Flashing	Corner reinforcement SOPRALENE and SOPRALENE FLAM180AR or ALSAN FLASHING system

Fire-retardant cap sheets are available for increased fire resistance

Heat-welded base sheet	SOPRAPHIX HP or SOPRAPHIX STICK
Heat-welded cap sheet	ELASTOPHENE FLAM 25 AR FR (Class A) ASTAAE 108 or SOPRALENE FLAM 180 AR FE (EN 13501.5)
Accessories	Primers, Soprafix fasteners, adhesives and other accessories required to install the roofing membrane system shall be supplied and installed according to Soprema instructions.



Five step to great roofing



1. Install the base sheet dry and in parallel courses.
Fasten the membrane in accordance with Soprema's technical manual.



2. Seal the joints by heat welding.



3. Install the base flashing membrane over primed substrate



4. Weld cap sheet onto base sheet with torch.



4. Install the cap sheet flashing membrane onto base sheet flashing with torch.

A history of innovation

Focusing on tomorrow and proud of its 90-year heritage, Soprema remains the leading innovator in the field of roofing and waterproofing products. Soprema has an intensive Research and Development agenda to provide specifiers and building owners with a superior long-lasting alternative to conventional built-up roofing. Soprema's products are safer, easier and faster to install as well as environmentally friendly and cost effective.

SBS modified bitumen is about to change your concept of roofing !

Soprema membranes redefine the qualities of high-performance roofing by combining strength and flexibility. SBS modified bitumen increases elasticity by over 1,000% and ensures resistance to temperature shifts from -30°C to 105°C on all surfaces, regardless of inclination or roof complexity.

The Soprema advantage!



Technical specifications*

Base sheet installation

Beginning at the drains and perpendicular to the slope, install the base sheet, dry and in parallel courses. Fasten the edge of the base sheet with Soprafix screws and plates, according to the current Soprema specifications.

Working up the slope, install each course of base sheet with the top edge fastened in the same fashion. Lap side joints a minimum of 100 mm, and end joints a minimum of 150 mm, stagger end joints a minimum of 300 mm, and seal all joints by heat-welding or with adhesive.

For adhesive applications, apply adhesive at the rate of 6 to 8 litres per 10 square meters to make full contact with both surfaces of the seam.

Provide a smooth application, free of fishmouths, wrinkles or tears.

Cap sheet installation

Beginning at the drains and perpendicular to the slope, install the cap sheet fully heat-welded to the base sheet. Lap side joints a minimum of 100 mm and end joints a minimum of 150 mm. Stagger end joints and stagger joints between membrane plies a minimum of 300 mm.

For adhesive applications, install the cap sheet in a full bed of adhesive applied at the rate of 6 to 8 litres per 10 square meters. Roll the top surface to ensure complete and uniform embedment. Provide a smooth application, free of fishmouths, air pockets, wrinkles or tears.

* Install base sheet and cap sheet flashing according to current Soprema specifications. Soprema's complete technical notice prevails.

Product properties

MDV	SOPRAFIX HP	SOPRAFIX STICK	SOPRALENE FLAM 180 AR
Tensile strength (EN 12311-1)			
Longitudinal	600	600	900
Transversal	450	450	650
Elongation (EN 12311-1)			
Longitudinal	40	40	45
Transversal	40	40	55
Resistance to tearing (EN 12310-1)			
Longitudinal	170	170	not tested
Transversal	220	220	not tested
Dimensional stability at 80 °C (EN 1107-1)	0,2 %	0,2 %	0,3 %
Heat resistance (EN 1110)	105°C	105°C	110°C
Low temperature flexibility (EN 1109)	-20°C	-20°C	-20°C
System Resistance to static puncture (NF P 84-352) + ELASTOPHENE 25 or + SOPRALENE FLAM 180 AR	15kg(L3) 25 kg (L4)	15 kg(L3) 25 kg (L4)	-
Resistance to dynamic puncture (NF P 84-352)	20 Joules (D3)	20 Joules (D3)	-

Notes:

- All values are nominal.
- Fastening patterns must conform to Soprema requirements.
- Adhesive applications must conform to minimum application temperatures and methods.

Consult Soprema for all adhesive applications.

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