



WATERPROOFING

# SOPRASMART®

## ROOFS

LAMINATED PANELS FOR ROOFING



Credit: Architex







# SOPRASMART®

## EXCLUSIVE BONDING TECHNOLOGY

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The SOPRASMART Laminated Boards Family includes products whose characteristics, due to SOPREMA's exclusive bonding technology, are synonymous with speed, quality, durability and efficiency.

### AVANTAGES

- The adhesive is already incorporated into the membrane and activated by the heat of the laminating process
- Laminated in the controlled environment of the factory
- Total adhesion (100%) of the membrane to the support panel
- Support Panels tested according to CSA A123.21 Standard
- No addition of adhesive in the lamination process
- Elimination of delamination and wrinkling risks

# INNOVATION



## SOPRASMART BOARD 180

Support panel composed of a 180 g/m<sup>2</sup> non-woven polyester reinforced SBS membrane with thermofusible or sanded surface, laminated on a semi-rigid asphaltic panel (SOPRABOARD).

### ADVANTAGES

- Tested according to CSA A123.21 Standard
- Optimal adhesion with DUOTACK adhesive due to the semi-rigid asphaltic panel's specially designed underside
- Thin flexible panel that perfectly covers uneven wood decks and membranes
- Waterproofing ensured thanks to the Duo Selvedge and Sopralap technologies
- Quick installation: 2 products in 1
- A marker every 6 in (152 mm) along the side lap for easier installation of mechanically fastened systems

### BOARD DIMENSIONS

3 ft x 8 ft (0.91 m x 2.44 m)

### THICKNESSES AVAILABLE

SOPRASMART BOARD 180	1/8 in (3,2 mm)
SOPRASMART BOARD 180	3/16 in (4,8 mm)
SOPRASMART BOARD 180 SANDED	1/8 in (3,2 mm)
SOPRASMART BOARD 180 SANDED	3/16 in (4,8 mm)

### INSTALLATION METHODS

- Mechanically fastened
- Adhered with DUOTACK
- Adhered with hot bitumen





## SOPRASMART ISO HD 180

Support panel composed of a 180 g/m<sup>2</sup> non-woven polyester reinforced SBS membrane with thermofusible surface, laminated on a high-density polyisocyanurate insulation panel of at least 90 psi.

### ADVANTAGES

- Excellent compressive strength of the high-density polyisocyanurate insulation panel of at least 90 psi. protecting the system from damage due to foot traffic and rooftop equipment manipulation
- Tested according to CSA A123.21 Standard
- R-value of 2.5 helps eliminate thermal bridges
- Lightweight panel for easy installation and manipulation
- Waterproofing ensured thanks to the Duo Selvege and Sopralap technologies
- Quick installation: 2 products in 1
- A marker every 6 in (152 mm) along the side lap for easier installation of mechanically fastened systems

### BOARD DIMENSIONS

3 ft x 8 ft (0.91 m x 2.44 m)

### THICKNESSES AVAILABLE

SOPRASMART ISO HD 180	1/2 in (12,7 mm)
SOPRASMART ISO HD 180 SANDED	1/2 in (12,7 mm)

### INSTALLATION METHODS

- Mechanically fastened
- Adhered with DUOTACK
- Adhered with hot bitumen

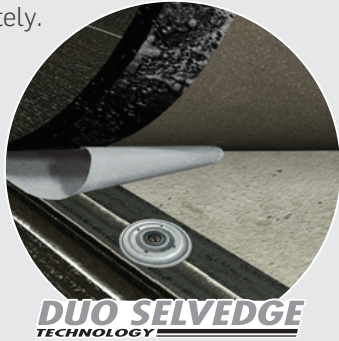


## DUO SELVEDGE TECHNOLOGY

For the safest installation, SOPRASMART laminated boards are provided with DUO SELVEDGE, a unique technology developed and patented by SOPREMA in 2004.

On the full width of DUO SELVEDGE, a percentage is sealed with self-adhesive, which protects components under the base sheet from torch flame. The remaining part is then safely heat-welded or sealed with a hot air gun or the SOPRAMATIC. This provides additional safety when the cap sheet is not installed immediately.

SOPRASMART laminated boards are also equipped with a cross selvedge of 1 inch (25 mm) at one end to prevent flame penetration between panels during the application of SOPRALAP cover strips.



## TESTS AND APPROVALS

**CSA A123.21**  
MEETS CSA STANDARD



**CGSB 37.56-M**  
(9<sup>th</sup> draft)



# INNOVATION SINCE 1908

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SOPREMA has developed around the idea that the quality, durability and reliability of materials must match builders' ambitions and expectations. For more than 100 years, SOPREMA has been using its expertise to develop a variety of high-end products that meet or exceed all the requirements of the construction field.

**ROOFS WALLS FOUNDATIONS PARKING DECKS BRIDGES ADDITIONAL EXPERTISE**



WATERPROOFING



INSULATION



VEGETATIVE SOLUTIONS



SOUNDPROOFING



COMPLEMENTARY PRODUCTS

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SOPREMA is an international manufacturer specializing in the production of waterproofing and insulation products, as well as vegetative and soundproofing solutions, for the building and civil engineering sectors.

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