WATERPROOFING

SOPRASTAR®

ROOFS

REFLECTIVE ELASTOMERIC MEMBRANES FOR ROOFS

SOPREMA®

BOWMANVILLE INDOOR SOCCER - ONTARIO

SOPRASTAR®

REFLECTIVE ELASTOMERIC MEMBRANES FOR ROOFS

The SOPRASTAR line includes high-performance cap sheet membranes composed of bitumen modified with SBS polymers and a composite reinforcement. They are covered with highly reflective white granules. By reflecting sunlight, these membranes reduce the temperature of the roofing system and increase its useful life. They also contribute to the reduction of urban heat islands.

SOPRASTAR membranes are covered with granules exclusive to SOPREMA. This technology allows optimal retention of aggregates, particularly in low temperature conditions.

BENEFITS

- Solar Reflectance Index (SRI) of 90
- Reduction of heat absorption by the system
- Performance adapted to Canadian winter conditions
- Products tested according to Canadian Standards CSA A123.21 and CSA A123.23

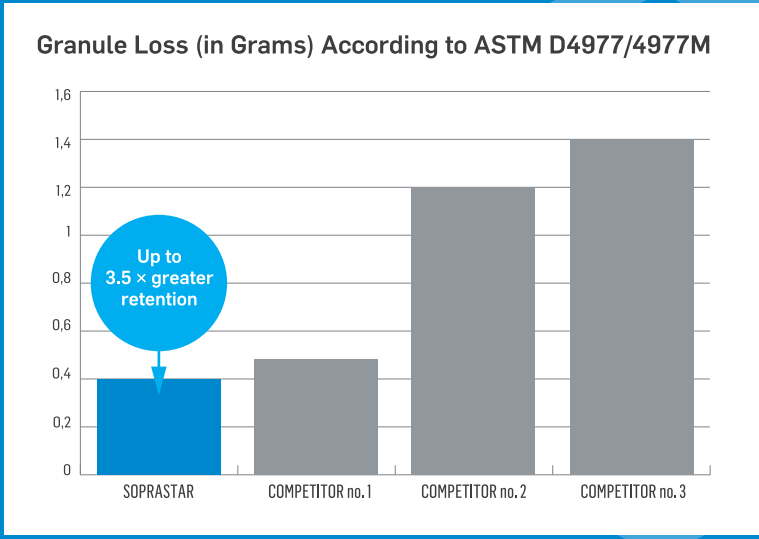
QUALITY

MEMBRANES MADE IN CANADA AND ADAPTED TO THE CANADIAN CLIMATE

The reflective granules of SOPRASTAR membranes have been designed to perform in the extreme conditions of the Canadian climate. In fact, they are equipped with an exclusive technology which gives SOPRASTAR membranes their outstanding cold performance, particularly in brushing tests.

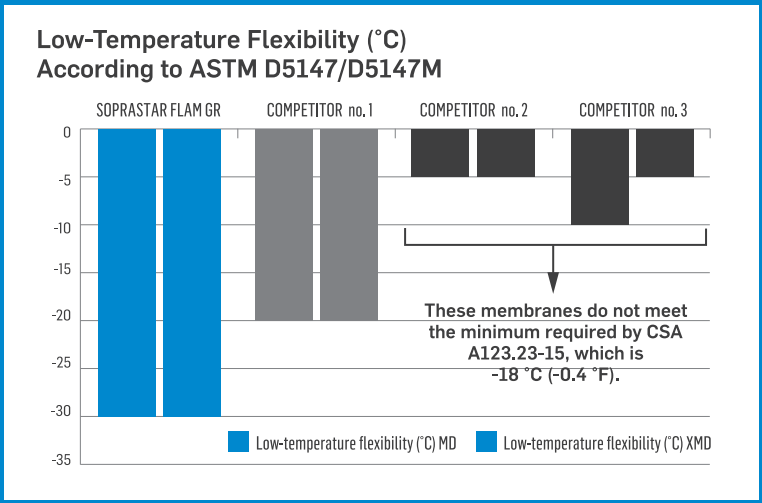
BRUSHING TEST: A TEST THAT DOES NOT LIE

Brushing tests* are a fairly accurate way to replicate the impacts of elements and environmental conditions on granulated membranes. When tested according to ASTM D4977 and ASTM D4977M methods, SOPRASTAR membranes retain up to three times more granules than similar elastomeric membranes from the competition*. This results in durable membranes that perform over time.



LOW-TEMPERATURE FLEXIBILITY

Low-temperature flexibility is essential for an elastomeric membrane, especially in a climate where temperatures can sometimes be well below freezing. SOPRASTAR membranes are manufactured with a blend of unique SBS-modified bitumen and a high-performance flexible composite reinforcement. They are therefore much more robust than those of the competition and are more resistant to cracking at all temperatures**.

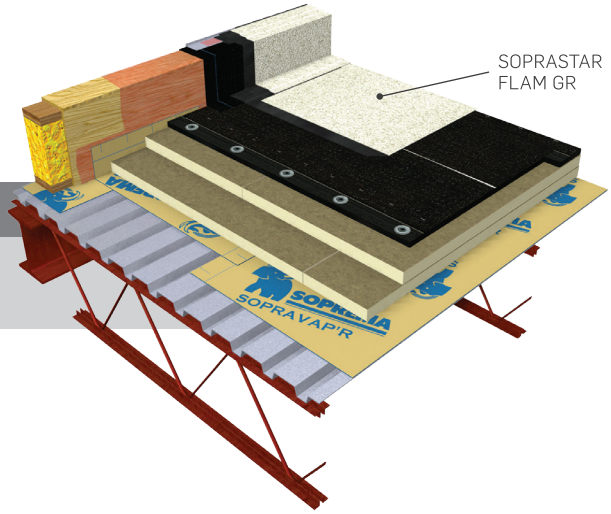


* According to the conditions of ASTM D4977/D4977M test methods of CSA A123.23-15 for Type C, Grade 1 membranes.
** According to the conditions of ASTM D5147/D5147M test methods of CSA A123.23-15 for Type C, Grade 1 membranes.

BOWMANVILLE INDOOR SOCCER - ONTARIO

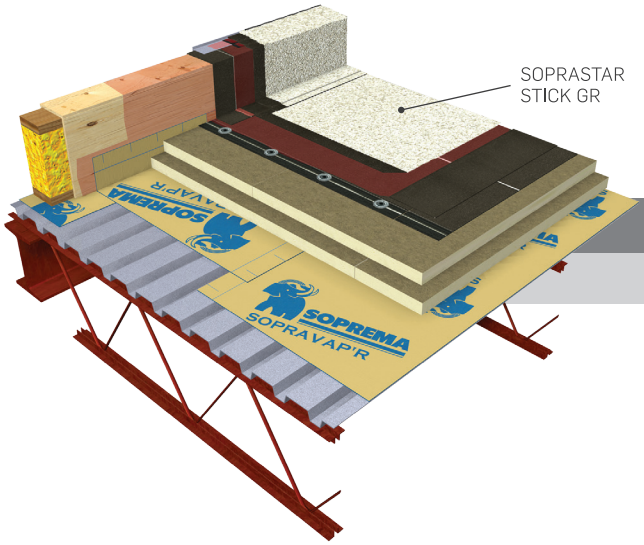
THREE INSTALLATION METHODS

The SOPRASTAR line includes various membranes which are installed in different ways. In addition, the SOPRASTAR FLAM GR, SOPRASTAR GR and SOPRASTAR GR FLEX membranes are available in the FR version, giving the roofing system a Class A rank according to the ULC-S107 standard. This results in better fire resistance.



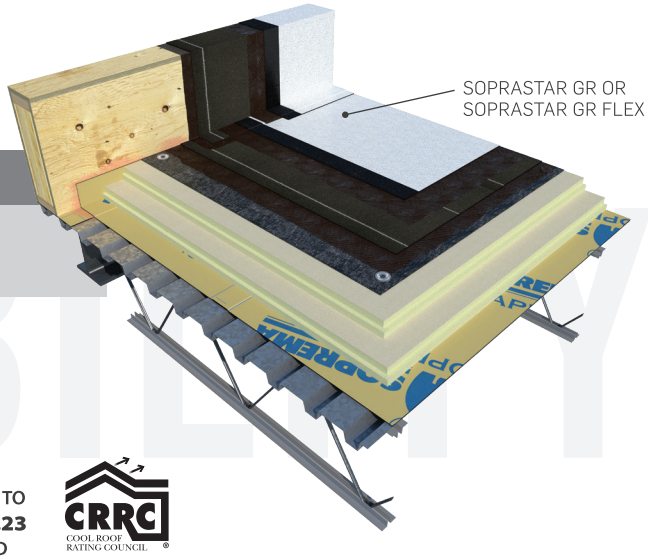
HEAT-WELDED

SOPRASTAR FLAM GR
SOPRASTAR FLAM FR GR



SELF-ADHERED

SOPRASTAR STICK GR



BONDED WITH ADHESIVE OR HOT SEBS BITUMEN

SOPRASTAR GR	SOPRASTAR GR FLEX
SOPRASTAR FR GR	SOPRASTAR FR GR FLEX

DURABILITY

ASTM INTERNATIONAL

CSA A123.21 MEETS CSA STANDARD listed by exp.

FM APPROVED

ULC LISTED (R19921)

TESTED ACCORDING TO CSA A123.23 STANDARD

CRRC COOL ROOF RATING COUNCIL

CONSISTENT QUALITY

Thanks to our dedicated production and research and development teams, we have implemented unrivalled quality control standards and testing that surpass industry standards. This rigour makes it possible to offer consistent quality so that each roll of SOPRASTAR produced meets the expected performance requirements.

IMPRESSIVE PROJECTS

ROYALMOUNT

Purpose of buildings:
Multi-use commercial and residential buildings

Total Surface: Over 500,000 ft²

Waterproofing system:
SOPRAFIX BASE 635/COLVENT BASE 830 with SOPRASTAR FLAM GR

BOWMANVILLE INDOOR SOCCER

Purpose of buildings:
Recreation centre

Total Surface: Over 30,000 ft²

Waterproofing system:
2-1 SOPRASMART ISO HD with SOPRASTAR STICK GR

INNOVATION SINCE 1908

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 AND FLOORS CIVIL ENGINEERING STRUCTURES ADDITIONAL EXPERTISE

WATERPROOFING INSULATION VEGETATIVE SOLUTIONS SOUNDPROOFING ACCESSORY PRODUCTS

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.

SOPREMA.CA 1.877.MAMMOUTH

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