



INSULATION  
WATERPROOFING

# SOPRA-SPF

## WALLS

CLOSED-CELL SPRAY-APPLIED POLYURETHANE FOAM



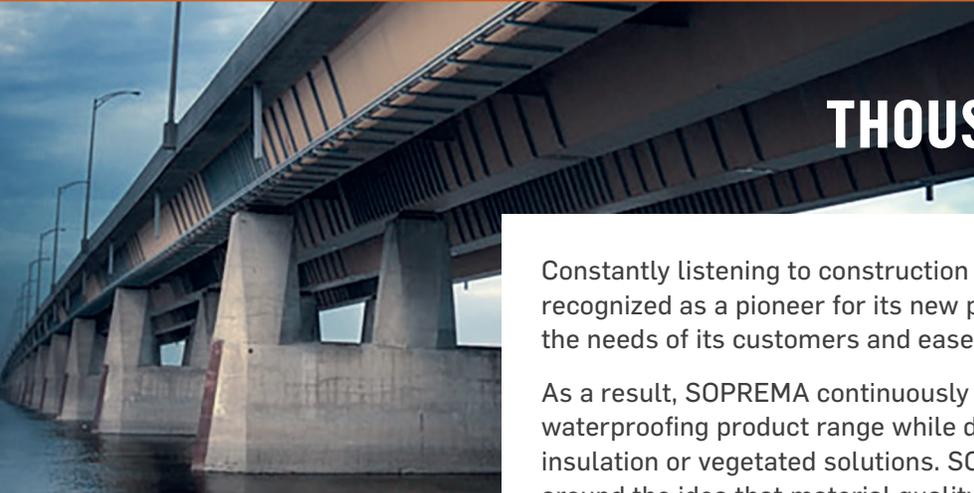
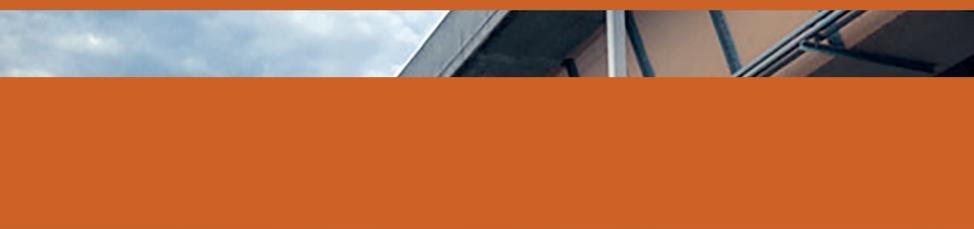


## FROM DESIGN TO INSTALLATION

With six plants in Canada, SOPREMA manufactures all of its products locally, which allows it to control all stages of production and standardize manufacturing processes, thus ensuring consistent quality for its clients. Thanks to a dozen chemists working full time at their research centre, SOPREMA can offer quality products at the forefront of technology.

SOPREMA has earned a place among industry leaders with the expertise and availability of its technical staff who support building professionals in their projects from design to completion.

In addition to providing outstanding technical support and customer service, SOPREMA is committed to train construction workers specialized in waterproofing and insulation product installation through its many training centres.



## THOUSANDS OF PROJECTS, ONE PLACE

Constantly listening to construction industry professionals, SOPREMA is recognized as a pioneer for its new product development initiatives that fulfill the needs of its customers and ease their work.

As a result, SOPREMA continuously leverages its expertise to expand its waterproofing product range while designing a wide variety of waterproofing, insulation or vegetated solutions. SOPREMA develops all of its products around the idea that material quality, durability and reliability must be up to the builder's expectations and ambitions.

SOPREMA is aware that each project is unique and each requires special consideration. The company always has this aspect in mind to make sure its customer needs are always met, no matter what they are. Moreover, SOPREMA offers an extensive array of products for each of its product lines, which allows construction professionals to find everything they need in one place.



## INSULATION FUNCTION

Do you want to reduce the risk of condensation and the humidity in your buildings? Increase the energy efficiency of your systems and keep the heat inside? With sprayed polyurethane foam, you address all these aspects with a single product. Effective insulation systems slow down heat movement and reduce moisture transfers at a reasonable cost.

A GOOD INSULATION SYSTEM CAN:

- **SAVE YOU MONEY**
- **REDUCE YOUR ENERGY CONSUMPTION**
- **MAKE YOUR BUILDING MORE COMFORTABLE**

**SOPRA-SPF IS A TWO-COMPONENT POLYURETHANE FOAM WITH A CLOSED-CELL STRUCTURE. THIS HIGH-QUALITY PRODUCT IS DESIGNED FOR INDOOR OR OUTDOOR INSULATION APPLICATIONS ON COMMERCIAL, INDUSTRIAL AND RESIDENTIAL BUILDINGS.**

### SOPRA-SPF / SOPRA-SPF LT

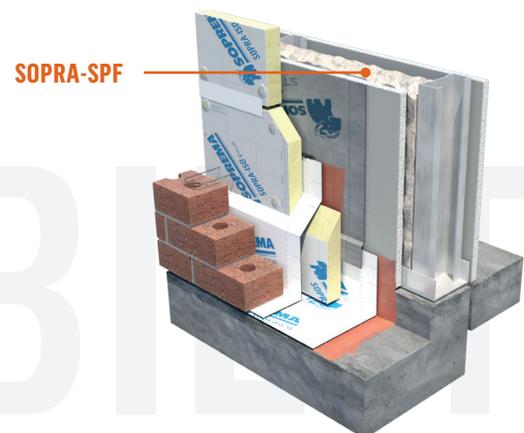
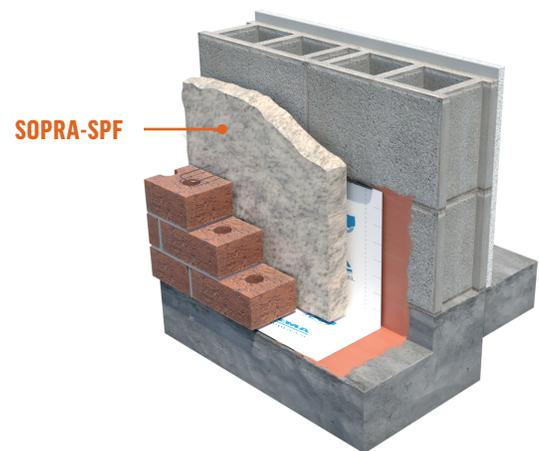
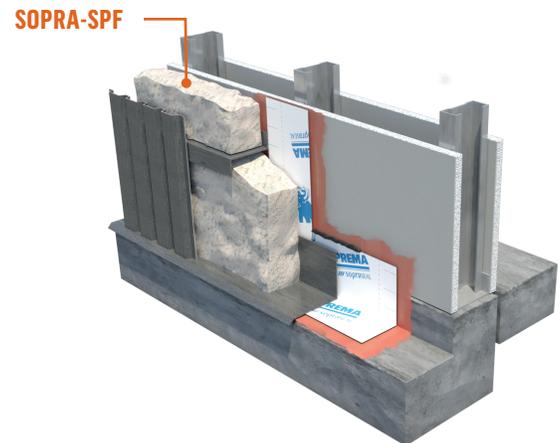
APPLICATION TEMPERATURE	COLOUR	WEIGHT		DENSITY
<b>SOPRA-SPF:</b> 10 °C to 50 °C (50 °F to 122 °F)	Grey	<b>PART A:</b> 500 lb (227 kg) or 2 500 lb (1 135 kg)	<b>PART B:</b> 500 lb (227 kg) or 2 500 lb (1 135 kg)	2.1 lb/ft <sup>3</sup> (33.6 kg/m <sup>3</sup> )
<b>SOPRA-SPF LT:</b> -10 °C to 25 °C (14 °F to 77 °F)				



# SOPREMA SOPRA-SPF DISTINCTION

- SOPREMA is the first SCC-accredited company for training without being affiliated to an association. SOPRA-SPF can only be applied by certified installers trained to the ISO 17024 Standard (quality assurance) that certifies polyurethane sprayers, while being consistent with the CAN/ULC S705.2 Standard on application.
- SOPREMA is the only manufacturer in North America with an expert team providing a full range of solutions and insulation products, such as sheet and liquid waterproofing, and accessories. You will find all necessary solutions for your construction projects and all building components, in addition to a large technical team at your service.
-  SOPRA-SPF is GREENGUARD Gold certified, which considers safety factors on behalf of sensitive individuals and ensures that a product is acceptable for use in environments such as schools and healthcare facilities.

THE PRODUCT CAN BE USED  
FOR BOTH INDOOR AND OUTDOOR  
APPLICATIONS.



# DURABILITY

# QUALITY

## SPRAYED FOAM INSULATION: THE CLEAR CHOICE

### A HIGH-PERFORMING PRODUCT

#### Excellent R-Value

The product has a superior R-value per inch (R-value = 6), based on the LTTR (Long Term Thermal Resistance) value. Thus, a lower thickness of the product is required to achieve the same R-value as it would with other types of insulation.

#### Reduction of Air Leakage

Air leaks are a common problem of building envelopes. These air leaks are mostly due to uncontrolled air movement through the building envelope. Air leakage can lead to many problems:

- Condensation
- Humidity
- Mildew
- Lower air quality inside the building

With regard to condensation, warm air can hold more water vapour than cold air. When the hot air is cooled, the percentage of relative humidity increases and may reach a saturation level, called dew point. At this time,

if the air cools further, the water vapour surplus that cannot be contained in the air turns into water droplets, forming condensation.

The monolithic shape of SOPRA-SPF helps to correctly fill the cavities, leaving no voids in the insulation or around it, and without any joints. This prevents any uncontrolled movement of air through the assemblies.

#### Energy Efficiency

Energy losses caused by air leaks from a poorly insulated building can represent a high percentage of heating and cooling costs. Both in summer and winter, sprayed foam insulation helps regulate the inside building temperature.





## PRODUCT QUALITY

### Meets CAN/ULC-S705.1

This standard ensures that products have been tested and meet or exceed the requirements. The customer therefore knows they are working with a high-quality product.

## CERTIFIED QUALITY INSTALLATION

### Quick Installation

As SOPRA-SPF is monolithic, treating the joints after the product installation is not required, unlike with rigid insulation panels. Moreover, its installation doesn't require much manipulation, as the sprayed product has a high coverage.

### Quality Installation

SOPRA-SPF should only be applied by certified installers and contractors accredited to ISO 17024 and in accordance with the CAN/ULC S705.2 application standard. Since these conditions are strict, the customer is certain that the quality of the application will meet the highest industry standards.

### Compatibility

The product adhesion has been tested successfully on most building surfaces, such as masonry, concrete, wood and gypsum surfaces, and also on SOPRASEAL membranes and strips.

## VERSATILITY

### Optimal Application over the Entire Surface

The product formula allows an easy adhesion on the complex shapes of a building without any fasteners. SOPRA-SPF can also be used for indoor and outdoor applications. Moreover, the foam will not deteriorate or settle over time.

### Two Products in One

When properly installed, SOPRA-SPF can be both an insulation membrane and an air/vapour barrier.

### LEED

The use of the sprayed polyurethane can contribute to obtaining LEED credits. Here is the list of credit categories under LEED v3 and LEED v4:

- Energy and atmosphere
- Innovation and design process
- Materials and resources
- Indoor environmental quality

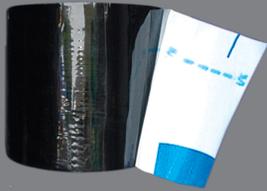


## ACCESSORY PRODUCTS



### SOPRASEAL STICK FLASHPRO HT

A self-adhesive air/vapour barrier composed of a polymer-based adhesive used around openings.



### SOPRASEAL STICK 1100 T IN CUT ROLLS

A self-adhesive air/vapour barrier composed of SBS modified bitumen and trilaminated woven polyethylene used on walls. It can also be used as a through-wall membrane, a masonry flashing, a transition membrane, or a waterproofing membrane around openings.



### SOPRASEAL STICK 600 TC

Self-adhesive air/vapour barrier membrane composed of SBS modified bitumen and a trilaminated woven polyethylene facer.



### SOPRASEAL LM 203

A single-component liquid air/vapour barrier made from water and synthetic rubber used on walls.



## 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 BRIDGES 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.US • 1.800.356.3521

SOPREMA.CA • 1.877.MAMMOUTH

---