

## SOPRAMUR

**SOPRAMUR** is a multi-purpose bitumen-based coating with cellular structure, without filler to be used directly on concrete or coated masonry.

**SOPRAMUR** is used as coating without primer for low water pressure underground foundations for uninhabited premises.

### User application

#### Damproofing and protection of materials of buried walls and foundations.

- Damproofing and protection
- Waterproofing and insulation

#### Protection of wood and metal, inside tanks, basins, silos, and slabbing.

- Storage of cold water and alkaline products ( $7 < \text{ph} < 9$ )
- Storage of acid products ( $3 < \text{ph} < 7$ )

#### Thermal insulation and acoustical "building".

- Bonding of rigid and semi-rigid insulation panels (polystyrene, glass wool, etc...)
- Bonding of insulation panels with exterior facing

#### Industrial cooling

- Gastightness screen and water vapor
- Bonding of insulation panels

**CAUTION:** Applying **SOPRAMUR** in basements does not replace a tanking solution within the meaning of DTU 14-1 "foundations permanently or periodically in contact with groundwater."

### Characteristics

	SOPRAMUR
Aspect	Black fluid paste
Colour	Black (fresh: brown) Grey, green, red and slate
Dry content	54% ( $\pm 3$ )
Density	1,01 ( $\pm 0,03$ )
pH	9,5 ( $\pm 1$ )
Flash point	None (non flammable)
Viscosity	Thixotropic product (1 – 10 Pa.s)
Covering power	Excellent
Drying time	20 minutes to 1 hour (at 20°C and 50% of relative humidity)
Temperature range for application	+5°C to +45°C
Temperature at service	-40°C to +90°C

## Characteristics

	SOPRAMUR
Miscibility	In all proportions with cement, aggregates, cork powder
Water vapour permeability	2,5 g/m <sup>2</sup> /24 h for a layer of 2 kg/m <sup>2</sup> at 38°C and 90% of relative humidity (standard NF X-41001)
Flow	None at 90°C (free of mechanical and thermal flow)
Adhesion	Excellent on dry and clean surfaces
Resistance	Insensitive to temperature variations, resists to atmospheric agents and wastewater in environment A3

## Packaging

	SOPRAMUR
Packaging	Cans of 10 or 30 kg
Consumption	<p><u>On rough and absorbent surfaces (concrete, stone...):</u></p> <ul style="list-style-type: none"> <li>▪ about 1,4 kg/m<sup>2</sup></li> </ul> <p><u>On smooth, non or low absorbent surfaces (metal, wood...):</u></p> <ul style="list-style-type: none"> <li>▪ about 0,900 to 1 kg/m<sup>2</sup></li> </ul>
Storage	The product can be stored until 2 years in closed original packaging, in a cool, well-ventilated area at a temperature between 5°C and 20°C.

## Installation

**SOPRAMUR** must be well mixed before being used (except for bonding).

Wet concrete and masonry before applying **SOPRAMUR**. Always apply a thin layer (max 1kg=1m<sup>2</sup>=1mm thickness). Let dry between each layer.

- On porous surface (concrete, stone...):
  - Impregnation layer: dilute product with 50% of clean cold water (0,300 kg/m<sup>2</sup>).
  - 2 layers of pure product (0,600 kg/m<sup>2</sup>/layer).
- On smooth, non or low absorbent surface (metal, wood...):
  - Impregnation layer: Dilute product with 5% to 20% of clean, cold water depending on the substrate (0,400 kg/m<sup>2</sup> to 0,500 kg/m<sup>2</sup>).
  - 1 layer of pure product (0,600 kg/m<sup>2</sup>/layer).
- Insulation:
  - Either with staggered pads and spaced of 15 cm to 20 cm.
  - Either with strips spaced of 10 cm.
  - Either on the whole surface.

### Cleaning tools:

Fresh: Cold water

Dry: Petroleum solvent (white spirit for example).

## Special indications

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### Hygiene, health and environment:

- Never apply on a frozen substrate or when raining.
- The substrate must always have a minimum slope of 1 % without water retention
- Always apply **SOPRAMUR** when temperature is over +5°C
- To dilute **SOPRAMUR**, only use clean and cold water.
- Wet the concrete and masonry before apply
- Always apply in thin layer. Avoid overthickness.
- Let dry well between each layer.
- In confined areas, ventilate to facilitate drying.
- In the case of tanks, it will be filled with water at least one week after the complete drying.
- Nonflammable before and after application. No risk of flame spread
- In case of contact with eyes, rinse with water and consult a doctor
- Product in aqueous phase and free of any toxic product and solvent.

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.

### 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**.