

## CURNOIR

**CURNOIR** is a waterproofing coating composed of elastomeric bitumen, mineral charges and volatile solvents.

### User application

**CURNOIR** is a multi purpose product and may be used as:

- Bituminous waterproofing coating on concrete, fibre-cement and renewing of old waterproofing (in both cases, **CURNOIR** must be protected from UV rays with a layer of **CURAL**, either with slate chippings or gravels (under **NTS 170** screen).
- Waterproofing coating of foundations, burried walls (hollow concrete block or concrete).
- Primer "Pore-filler" on hollow concrete block or concrete prior the installation of self-adhesive membranes **COLPHENE**.

All the applications are described in Technical Approval or **SOPREMA's** Technical Guidelines in force.

### Composition

	<b>CURNOIR</b>
Aspect	Homogeneous thick liquid black
Density at 25°C	about 1050 kg/m <sup>3</sup>
Frost resistance	Good
Flash point (ASTM D 56)	+ 25°C
Resistance to ageing	Good
Dry extract	70 % (± 5)
Flow on a 45° angled surface during 24 hours at 95°C	None
Drying time	about 24 hours
Performances in relation with NF P 84-304	Complies

### Packaging

	<b>CURNOIR</b>
Packaging	Cans of 5 or 25 kg
Storage	1year in original can, in a cool, well ventilated area

## Installation

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Before use, well homogenize **CURNOIR**. The tools used (roll, brush, rubber squeegee) must be clean.

### 1. Waterproofing coating on concrete:

- Well clean and dry the support, with a blowtorch if needed,
- Apply a first layer of **CURNOIR** (about 400 g/m<sup>2</sup>) with a brush or a squeegee,
- Let dry for 24 hours,
- Apply a second layer of **CURNOIR** (about 400 g/m<sup>2</sup>). If **the product must remain** exposed to UV, cover this second layer with slate chipping (about 2 kg/m<sup>2</sup>) or after drying during 24 hours, apply a layer of **CURAL** (about 400 g/m<sup>2</sup>).

**NOTE:** if the concrete contains traces of laitance, apply a layer of **ELASTOCOL 500** (about 0,25 l/m<sup>2</sup>).

### 2. Renewing of old SBS or oxidized waterproofing:

- Well clean and dry the support, with a blowtorch if needed,
- Break the blisters and clean the cracks,
- Eventually apply a primer with **ELASTOCOL 500** (about 0,25 l/m<sup>2</sup>),
- Fill the cracks by applying a first layer of **CURNOIR** and by bridging with a glass cloth embedded with **CURNOIR** with a spatula,
- Let dry for 24 hours,
- Apply a second layer of **CURNOIR** with a brush or a squeegee (about 400 g/m<sup>2</sup>) with slate chippings, or after drying during 24 hours, a layer of **CURAL** with a brush, squeegee or a roll (about 400 g/m<sup>2</sup>), while taking care to avoid over thickness.

### 3. Renewing of fibre-cement panels:

- Apply a layer of **CURNOIR** with a brush (400 g/m<sup>2</sup>), while taking care to avoid over thickness. Let dry for 24 hours.
- Then apply a layer of **CURAL** or slate chippings ensuring an aesthetic finishing as well as the protection from UV rays,
- It is necessary for **CURNOIR** and **CURAL** to be perfectly homogenized prior to use. For that, it is recommended to use an adapted tools (painter propeller installed on a drill, for example). If **CURAL** is used, please refer to the Technical Data Sheet.

### Cleaning tools:

Petroleum solvent (white spirit, xylene for example).

## Special indications

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### Hygiene, health and environment:

- Flammable: keep away from flames and sparks during use.
- **CURNOIR** contains xylene.
- Ensure that all cans, empty or full, containing flammable substances are kept at least 10 m away.
- Do not breathe in fumes and avoid skin contact.
- Only use in well-ventilated areas.
- Wear protective clothes and appropriate gloves.

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**.