

PROTEC'CAVE

PROTEC'CAVE is a water repellent, low-odour, solvent-based and acrylic resin used for the protection of basements and masonry against water intrusion and mold development.

User application

PROTEC'CAVE is applied on concrete, bricks, cement, brick walls and other masonry materials. It is usable indoors.

Composition

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Composition	Solvent-based and acrylic resin
Colour	Light white
Density	1500 kg/m ³
Viscosity (Brookfield)	105-110 KU (Krebs)
Dry content by weight	74%
Dry content by volume	48%
Flash point	41°C
Drying time at 20°C and 50% relative humidity	1 hour (to touch) 4 hours (recoated) 7 to 14 days (completely dry), after polymerization
Application temperature	10°C to 35°C
Water vapour transmission	10,64x10 ⁻⁶ g/m ² .h.Pa
Resistance to hydrostatic pressure	100 kPa

Packaging

	PROTEC'CAVE
Packaging	Cans of 5 kg
Consumption	On very porous substrate : 1,2 m ² / kg On smooth, non absorbent substrate : 2,5 m ² / kg
Storage	The product can be stored 2 years at a temperature between 5°C and 20°C in closed original packaging and protected from the sun.

Installation

Product must be well mixed before being used. Tools must be cleaned and imperatively free of solvent so as to avoid compromising the efficiency of the product.

1. Preparation of the substrate

Surface must be clean. Any defect in the masonry works must be treated beforehand.

- Degrease and remove any impurities with an appropriate detergent.
- Remove traces of salt or efflorescence using a chlorhydric or phosphoric acid-based solution.
- Remove any powdery traces which may alter the resin's adherence onto the surface by using a brush
- Remove mold with bleach or an antifungal cleaner. Well rinse the substrate.
- Fill in holes and cracks with fine mortar.

2. Double-coat application

- Mix the resin before starting.
- Apply a first coat with a brush or short-haired roller. Use the necessary quantity in order to obtain a smooth film without air bubbles.
- Allow the resin to dry.
- Apply a second coat with a brush or a roller. Remove air microbubbles.

Apply the resin in several cross shapes in order to optimize its adherence onto the surface.

Special indications

Hygiene, health and environment:

Avoid contact with skin and eyes. In general, ensure that all parts of the body which may be exposed to splashes are covered.

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**.