



SOPREMA

Bituminous waterproofing solutions



resin
water-repellent
antifungal
protection

protec'cave

SOPREMA
GROUP



PROTEC'CAVE

+ Large choice of colours

With its originally white and appealing smooth appearance, **Protec'Cave®** can receive a coat of paint, or even be dyed (2 %) using universal dyes: the promise of a personal touch you can change at any time. A large range of shades made from universal dyes is available.

+ Long lasting action

Protec'Cave® prevents mold and nitrate potassium from developing and guarantees long-lasting protection in the layer of dry resin.

+ Fast curing

The resin dries quickly, allowing it to receive a floor covering after ~4 hours.

+ Easy to use

Protec'Cave® can be easily applied onto the substrate using a brush or a short-haired roller. With its practically odorless solvent, you will not be disturbed by any unpleasant smells.

+ A flawless finish

Protec'Cave® guarantees that the substrate will age properly: neither unsightly mold nor efflorescence on the substrate.

+ Efficient protection against humidity

Thanks to its special resins and quality concrete-based formula, **Protec'Cave®** resists humidity overtime as well as water pressure of up to 1 kg/cm².

APPLICATION



1
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 using a brush.
Remove mold with bleach or an antifungal cleaner. Rinse the substrate well.
Fill in holes and cracks with fine mortar.



2
Mix the resin before starting.
Apply a first coat with a brush or a roller. Use the necessary amount in order to obtain a smooth film without air entrappings.
Allow the resin to dry. Apply a second coat with a brush or roller. Remove air entrappings.
Tips: Apply the resin in several cross shapes in order to optimize its adherence onto the surface.



3
Allow the product to dry.
Drying time (20°C, 50% HR):
• Surface of coat: 60 min.
• May receive floor covering: 4 hours.
• Fully dry: 7 to 14 days after polymerization.
Ideal drying temperature between 18 and 20°C inside the building.

PROTEC'CAVE A RELIABLE PROTECTION

Protec'Cave® is a water repellent acrylic resin used to protect foundations and substrates from water infiltration as well as to prevent mold from developing.

Protec'Cave® may be applied onto several types of substrate (concrete, bricks, cement, brick walls) and other types of masonry materials.

Protec'Cave® can be used outside as well as indoors and is particularly well-suited to protect fence walls, foundations (inside), buried walls.

It can also be applied as a waterproofing coat onto basement slabs before installing a floor covering (carpet, linoleum, etc.).

Its efficiency has been proved even on humid surfaces as well as on alkali metal substrates (with a pH of up to 12.5).

CHARACTERISTICS

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 & 50% relative humidity	1 hour (to touch) 4 hours (to recoat) 7 to 14 days (completely dry)

PACKAGING & STORAGE

Can of 5 kg.

- On porous surfaces: ~1,2 m²/l.
- On smooth and compact surfaces: ~2,5 m²/l.
- 2 years in original can, in a cool, well-ventilated area, temperature must be kept between +5°C and +20°C.

SOPREMA GROUP at your service

Looking for a sales contact in order to discuss a future project or a project that is under way? Any questions about the implementation of our product range?

Contact Soprema Export Department

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