

PROPAM® PRIMER SOL

Acrylic primer and sealer for porous substrates.

PROPAM® PRIMER SOL is a single-component primer based on acrylic polymer aqueous dispersion, that regulates the porosity of absorbent substrates and helps self-levelling and screed cementitious mortars application.

FIELDS OF APPLICATION

- Primer and sealing of porous substrates for applying self-levelling cementitious mortars.
- Primer for fixing self-levelling cementitious mortars on anhydrite substrates.
- Primer for fixing tiles and decorative mortars on plaster walls.

7

PROPERTIES

- It effectively seals the porous mortar and concrete surfaces, ensuring uniform surface absorption and avoiding water loss from inside the substrate.
- It reduces the formation of craters in the self-levelling floor applications.
- It improves the adhesion strength of mortars particularly on absorbent substrates.
- Suitable for use indoors and outdoors.
- Ready to use, it does not require diluting with water.

HOW TO USE

Preparing the substrate:

The substrate must be firm, dry, clean, free of any loose, brittle elements, as well as other substances like grease, oil or other pollutants. Therefore any of these product remains must be cleaned off, and any dust removed by vacuuming.

The concrete substrates must be prepared using mechanical means (shot blast or milling) so as to remove the surface slurry and obtain an open pore and textured surface.

The substrate must have a temperature of between +10 °C and +30 °C and a maximum humidity of 3 %.

Mixing:

PROPAM® PRIMER SOL is ready to be used, and therefore does not need any water added, or any other component, however it must be mixed before use.

Application:

Apply to the substrate directly, using a brush, roller or spray nozzle.

The mortar must be laid once the primer is dry to the touch (between 1 and 4 hours).

The interval for covering with mortar cannot exceed 24 hours. If necessary, repeat the operation again and leave it to dry to the touch once more.

With very porous substrates, it may be necessary to apply a second layer on to the first when it is dry.

Do not apply in full sunlight, or on substrates with high temperatures.

Tool cleaning:

The tools are to be cleaned with water immediately after use. Once hardened, it can only be removed mechanically.

COVERAGE

The consumption of **PROPAM® PRIMER SOL** is 100-200 g/m² according to the porosity and condition of the substrate.

PACKAGING

5 kg and 25 kg carboys.

STORAGE

12 months, in its original closed packaging, in a cool, covered place, protected from humidity, sunlight and freezing temperatures.

INDICATIONS TO TAKE INTO CONSIDERATION

- The ambient temperature is to be between +5 °C and +35 °C.
- The temperature of the substrate must be between +10 °C and +30 °C.
- The relative humidity of the air must not be more than 80 %.
- The substrate concrete's tensile strength must be at least 1.5 N/mm² and its compression strength at least 20 N/mm².
- The concrete structures must be left to harden for 28 days before applying **PROPAM® PRIMER SOL**.
- It does not form a vapour barrier.
- Applying an excessive amount can lead to lower adherence values.
- Do not apply to wet substrates.
- Do not add water, solvents or other substances that may affect the properties of the material.

TECHNICAL DATA

Type	Acrylic resin dispersion
Appearance	Whitish liquid
Density	1.05 g/cm ³
Content in dry solids	15 ± 2 %
pH	8.5 ± 1.0
Viscosity at 25 °C	14 cps
Application temperature	From +5 °C to +35 °C
Dry to the touch	1-4 hours
Content in Volatile Organic Compounds (VOC)	≤ 1000 µg/m ³

HEALTH AND SAFETY

All the information about conditions of usage, use, storage, transport and removing chemical waste is available on the product Safety Data Sheet.

The product and its packaging must be disposed of according to current legislation and it is the responsibility of the product end user.

7

LEGAL NOTICE

The data contained in this document is based on our experience and technical knowledge, gained during laboratory assays, and our bibliography. We will not be responsible for any product applications not indicated in this file. The dosage and consumption data are only guidelines, based on our experience, and may alter due to atmospheric or on-site conditions. For correct dosage and usage amounts, it is necessary to conduct a trial or assay "in situ", for which the client is responsible. If you have any doubts or require additional information, please contact our technical department. December 2016.



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