

# Rocathaan Primer SG4

## Description and application

1-component, solvent-containing primer and impregnating agent based on a moisture curing polyurethane with a long potlife and a relatively short curing time.

Rocathaan Primer SG4 is suitable for wood, concrete and cement screed flooring. Also suitable as primer on old PMMA flooring. Impregnating agent to clear flooring from dust and to prevent oils and grease to soak into the surface. Also suitable for making floors more wear-resistant, impregnating wooden parts (posts, fences, etc.) to prevent rotting of the wood.

## Article number and packaging

11010-5                      5 kg can

## Properties

- Quick-curing
- Easy to process
- Moisture curing
- Resistant against plasticizers
- High chemical resistance
- Very wear and scratch resistant
- Relatively short curing time with a long potlife
- To be scattered with fire-dried quartz sand 0.1 – 0.4 mm

## Properties liquid product

Colour	Amber
Density	1,04 kg/l mixed product
Volume solids	>60%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost.

## Application information

Method	Brush, roller, spray
Usage	0,10 – 0,15 kg/m <sup>2</sup> /layer <i>Surface dependent</i>
Application temp.	Surface +5 and +30 °C Product +10 and +25 °C
Walkable*	After 1,5 hours
Recoat time*	Min. 1,5 hours      Max. 6 hours
Chemical resistant*	After 7 x 24 hours
Mechanical resistant*	After 3 x 24 hours
Dilution	Not permitted
Cleaning agent	Roca Cleaner R5518 (equipment)

The times and values given are approximate and are affected by fluctuating surface and environmental conditions such as

(product)temperature, relative humidity, ventilation and layer thickness.

## Mixing instructions

Rocathaan Primer SG4 is a 1-component product. Shake before use.

## Notes during application

Application may only be done when the relative humidity has a minimum of 60% and a maximum of 80%. The minimum product and surface temperature is +5 °C and the temperature of the surface to be treated and the uncured product must be 3 °C above the dew point. See the dew point table.

The curing process occurs more quickly at higher temperatures and slower at lower temperatures. The potlife is partly dependent on the product temperature.

The development of puddles needs to be prevented because it will strongly influence the drying time. This will result in foaming.

When the product is used as impregnating agent, it is preferred to apply two layers.

## Surface and circumstances

The surface must be load-bearing and be able to meet the function for which it is used.

Due to the porosity, it may be necessary to apply a second layer on certain surfaces, such as wood and cement.

The surface must be clean and free of grease. All loose components must be removed. Cement surfaces must be at least 28 days old. Any cement skin must be removed. Monolithic floors must be sanded and any dust must be removed.

Pre-treat contaminated surfaces using flame blasting. After sanding, carefully remove dust from the surface using an industrial vacuum cleaner. Be aware that sanding can lead to filling of the pores, which can lead to reduced adhesion.

The surface must be free from pressure or rising water from the subsoil.

## Moisture content surface

- cement-bound : < 6% CM (parts by weights)
- plaster-bound : < 0,5% CM (parts by weights)

For detailed information regarding pre-treatment of the surfaces, please see the "surface pre-treatment" information sheet.

\* At 20 °C and 65% RH surface.  
\*\* At 1 kg and 20 °C product.



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## Important

Projects and applications can vary greatly. Always contact your supplier if you have doubts about a certain application, choice of material or surface treatment.

All the technical information given in this technical information sheet is based on laboratory tests. Information can change, depending on the conditions.

## Legal notification

The information and, in particular, the recommendations concerning the application and final use of Prokol products is issued in good faith based on Prokol's current knowledge and experience of products that are correctly stored, handled and applied under normal conditions.

In practice, the differences in materials, surfaces and local conditions are such that no guarantee can be given concerning the marketability or suitability for a certain objective, nor can any liability arise from any legal relationship based on this information, nor from any written recommendations or other advice that is given. The property rights of third parties must be respected.

Prokol guarantees that its products are free from manufacturing faults. Multi-component products are a finished product once the components have been mixed and processed. When mixed and processed correctly, the product will achieve the specifications given. Prokol can only guarantee the product when surfaces are processed and pre-treated correctly.

All orders are accepted under the current sales and delivery conditions. Users must always refer to the most recent product safety information sheet and product information sheet for the product concerned.

Copies of the most recent editions are provided upon request and are available at [www.prokol.com](http://www.prokol.com).

The publication of this product information sheet makes all previous product information sheets for this product invalid.

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