

Rocathaan Primer C

Description and application

Rocathaan Primer C is a 2-component, solvent-free, moisture-tolerant, highly reactive primer based on polyurethanes. This primer is suitable for both metallic mineral surfaces, including those that are still relatively fresh. However, it is always preferable to avoid application on freshly laid mineral surfaces. The primer does not possess any anti-corrosive properties.

In addition to application by brush, roller, or airless spraying, this primer can also be applied using hotspray equipment.

Article number and packaging

11015-4	3,95 kg set
11015-8	7,90 kg set
11015-20	38,60 kg set
11015-200	436 kg set

Properties

- Tolerant to moisture in the surface
- Can be applied with a brush, roller, airless or hotspray equipment
- Resistant to saponification

Adhesion strength

- Concrete adhesion > 3,5 – 4,5 MPa
- Metal adhesion > 2,5 – 3 MPa

Properties liquid product

Colour	Brown/yellow
Density	1,03 kg/l mixed product
Volume solids	>98%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost. Products should always be placed on pallets to avoid direct contact with the floor.

Application information

Method	Brush, roller, airless, hotspray
Usage	0,15 – 0,30 kg/m ² /layer <i>Ensure that the primer forms a completely sealed surface.</i>
Mixing ratio	See the label on the packaging
Potlife**	Approx. 25 minutes
Application temp.	Surface +5 and +30 °C Product +10 and +25 °C
Recoat time*	Min. 2 hours Max. 24 hours
Dilution	Not permitted
Cleaning agent	Roca Cleaner R5518 (equipment)

* At 20 °C and 65% RH surface.

** At 1 kg and 20 °C product.



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The times and values given are approximate and are affected by fluctuating surface and environmental conditions such as (product)temperature, relative humidity and layer thickness.

Surface

The substrate must appear visually dry. Tolerant to moisture in the surface. Condensation or ponding on the surface is not permitted. In cases where a single coat of primer does not produce a closed surface, a second coat must be applied to ensure a fully sealed and pore-free surface.

For detailed information regarding surface pre-treatments, please consult the information sheet "Surface Pre-treatment".

Application and circumstances

2-component products may only be applied when the relative humidity is less than 85%. 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.

Mixing instructions

Application by hand or airless

2-component products must always be mechanically mixed, preferably with a continuously adjustable mixing machine on low speed (300 – 400 RPM) or other suitable mixing equipment. Use a clean mixing rod which matches the size of the container. Mixing too fast and too long should be avoided in order to minimise air entrapment.

First mix component A until it is a homogenous mixture. Add component B (completely drained or scraped) to component A and mix at least 2-3 minutes until it is a homogenous mixture. To exclude unmixed materials (bottom/sides) are processed, transfer the mixture to a clean mixing bucket/tub and mix again.

When using additives such as quartz sand or the like, only add when the mixture is a homogenous mixture. After adding, please mix thoroughly again.

When mixing parts, both components must be mixed separately and carefully and weighed accurately.

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Mechanical processing using hot spray

Spraying temperature	: 65 °C
Spraying pressure	: 140 bar
Mixing chamber	: 2020 of 2222 wide or flat-tip

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.

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.

All our deliveries, acceptance of assignments, communications, advice, and agreements are subject to our general terms and conditions of delivery, filed with the Chamber of Commerce in Eindhoven under number 52327159. Any other terms and conditions are hereby expressly rejected.

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

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