

Rocathaan Screed

Description and application

2-component, solvent-free screed based on lightly elastic polyurethane combinations.

As a screed underneath polyurethane cast floors to smooth surfaces and eliminate irregular structures in the surface after a primer has been applied.

Article number and packaging

23105-10 10 kg set
23105-25 25 kg set

Properties

- Easy to apply
- Seals the surface air tight
- Filling capacity

Properties liquid product

Colour	A component greyish B component transparent / brownish
Density	1,43 kg/l mixed product
Volume solids	100%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost.

Application information

Method	Trowel, squeegee <i>Partly depending on area of use.</i>
Usage	0,50 – 1,50 kg/m ² /layer <i>Surface dependent</i>
Mixing ratio	850 gram A : 150 gram B
Potlife**	Approx. 25 minutes
Processing temp.	Object +5 and +30 °C Product +10 and +25 °C
Walkable*	After 16 hours
Recoat time*	Min. 16 hours Max. 24 hours
Chemical resistant*	After 7 x 24 hours
Mechanical resistant*	After 3 x 24 hours
Dilution	Rocathaan thinner. A maximum of 10% only to be added once base(A) and hardener(B) have been mixed. Adding thinner can affect the curing times.
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 and layer thickness.

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

Mixing instructions

2-component products must always be mechanically mixed, preferably with a continuously adjustable mixing machine/drill (300 – 400 RPM) or another suitable mixer/whisk. As a guideline, the diameter of the mixer/whisk must be at least 1/3 of the diameter of the container in which the product is mixed in.

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.

Notes during application

Pour the mixed product onto the surface and apply with a trowel or squeegee. **Be aware!** This product is not self-leveling. Application need to be done equally.

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

Surface and circumstances

The surface must be healthy, with a minimum compression strength of 25 MPa and a minimum adhesion strength of 1,5 MPa. The surface must be clean and free of grease. All loose components must be removed.

Concrete and anhydrite must be at least 28 days old. Any cement-skin must be removed. Monolithic floors must be sanded and any dust must be removed.

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



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Moisture content surface

- cement-bound : < 4% CM (parts by weights)
- plaster-bound : < 0,5% CM (parts by weights)

If the surface necessitates this, a suitable primer must be applied. Rocathaan Screed does **not** have penetrating abilities.

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.

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

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