

Rocapox Flooring TR12

Description and application

Rocapox Flooring TR12 is a high-quality floor coating/sealer based on renewed epoxy technology. This product is easy to apply and is solvent-free.

This floor coating is suitable as a durable coating with high filling properties, as a seal layer for epoxy systems littered with quartz and as transparent seal layer for epoxy mortar flooring.

This product can be applied in almost every space because it is solvent-free. Rocapox Flooring TR12 is chemical resistant. Consult the chemical resistance list from this product.

Article number and packaging

16260-5	5 kg set
16260-10	10 kg set

Properties

- Large layer thickness range
- Wear-resistant and (somewhat) scratch resistant
- Liquid proof
- Chemical resistant
- Easy to clean
- Does not soften at high temperatures <60 °C
- Easy to apply with a brush or roller

Properties liquid product

Colour	Transparent
Finish	High gloss
Density	1,10 kg/l mixed product
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, airless	
Usage	0,30 – 0,50 kg/m ² /layer <i>Depending on the desired result and structure of the surface.</i>	
Mixing ratio	680 gram A : 320 gram B	
Potlife**	Approx. 20 minutes	
Application temp.	Surface	+12 and +20 °C
	Product	+12 and +20 °C
Walkable*	After 12 hours	
Recoat time*	After 12 hours	
Dust dry*	After 2,5 hours	
Chemical resistant*	After 7 x 24 hours	

Water resistant*	After 7 x 24 hours
Mechanical resistant*	After 3 x 24 hours
Dilution	Roca Thinner S
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.

Mixing instructions

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.

Notes during application

2-component products may only be applied when the relative humidity is less than 85%. The minimum surface temperature is +10 °C. Watch out for condensation. The temperature of the surface to be treated and the uncured product must be 3° C above the dew point reduce the risk of condensation, white discoloration or stickiness (carbamate formation) on the coating. See the dew point table. The optimal processing temperature is 20 °C.

Be aware! Low temperature and high humidity increase the risk of white discoloration or carbamate formation (sticky surface).

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

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



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Surface and circumstances

The surface must be clean and free of grease. All loose components must be removed. Monolithic floors must be sanded and any dust must be removed. Steel needs to be sanded and preferably blasted

Concrete

The concrete must be healthy, dry, grease-free and load-bearing and at least 28 days old. Provide the surface with a suitable primer. Primer type depends on the surface.

Moisture content surface

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

Surfaces with dirt pickup, cement, sludge or loose sand-cement screeds (e.g. bomb ice) can be removed, for example by blasting and making the surface dust-free.

Power-floated surfaces must be pre-treated by blasting, sanding or acidification.

The load-bearing capacity of the synthetic floor depends on the compressive strength of the cement-bound screed and can never be absorbed by a flooring system.

Clean contaminated and greasy surfaces (oil and grease), preferably with a steam cleaner, using a suitable cleaning agent. If this does not result in a clean, load-bearing surface, blasting should be performed.

Remove algae, moss and mold with anti-moss (eg Paramoss).

Repairs and equalizations must be carried out professionally with the appropriate products, also with regard to the finishing layer. Any expansion joints in the surface may not be concealed, but must retain their function.

Already existing and treated work:

Roughen old 2-component layers by grinding (mat) before applying a new layer. If in doubt, always set up a test area and consult your supplier.

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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Liquid synthetic materials for a sustainable future