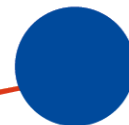


Rocathaan Topcoat 35



Description and application

2-component, solvent-based, topcoat providing exceptionally durable protection, based on a special hydroxyl component and an aliphatic isocyanate hardener.

A very durable protection for synthetic systems, including polyurea, polyurethane and epoxy, as well as concrete structures, such as viaducts, bridges, concrete strips, pillars, etc. in aggressive environments, as well as steel, whether or not in combination with a rust-inhibiting primer. Rocathaan Topcoat 35 can also be used in basins and floors in combination with a polyurea hot spray coating.

Article number and packaging

16024-2 in 2,5 kg set
16024-5 in 5 kg set
16024-10 in 10 kg set

Properties

- Very high CO₂ resistance against atmospheric contamination and various chemicals.
- High mechanical resistance.
- The smooth and tight topcoat gives dirt little chance of adhering to it and makes the surface easy to clean.
- Thanks to the very low water absorption property, it is excellent to use as a seal against penetrating moisture.
- UV resistant, therefore, gloss and colour are maintained.
- Non-thermoplastic, therefore, the surface remains hard even at higher temperatures.
- Easy to apply using an airless technique.

Liquid product properties

Colour	Based on RAL and NCS colours
Finish	Eggshell
Density	1,37 mixed product
Volume solids	55%
Shelf life	At least 12 months after the date of production, if stored cool in unopened packaging and protected against frost.

Application information

Method	Roller, Brush
Coverage	0,15 – 0,30 kg /m ² /layer
Mixing ratio	870 gr A : 130 gr B
Dilution	Rocathaan Thinner. Maximum 5% only to added once base and hardener have been mixed. Adding thinner will affect the final physical properties.
Potlife**	20°C approx. 2 hrs
Induction time	5 minutes
Application temp.	Substrate between +5°C and +30°C Product between +10°C and +25°C
Walkable*	20°C after 18 Hr
Recoat time*	20°C min. 18 Hr max. 36 Hr
Chemical load	7 x 24 hrs*
Mechanical load	3 x 24 hrs*
Cleaning agent	Roca Cleaner R5518 (tools)

*At 65% relative humidity. The times and values given are approximates only and are affected by fluctuating surface and environmental conditions such as temperature, relative humidity ventilation and usage per m².

Mixing instructions

Two-component products must always be mechanically mixed, preferably with a continuously adjustable mixing machine/drill. Observe a maximum rotational speed of 300 rpm. Use a suitable mixer and/or whisk of the correct size. As a guideline, the diameter of the mixer or whisk must be at least 1/3 of the diameter of the container in which the product is mixed.

First, mix the base component and the hardener together. Pour some of the mixed material back into the hardener container and mix it in the container until all the hardener has been used.

Next, pour this mixture back into the base component container and mix it again until a homogenous mixture is obtained.

When combining partial containers, both components must be carefully stirred and weighed.

Comments during application

A change of temperature has a direct influence on the stated times. Ensure good ventilation during drying. Insufficient ventilation, notably on the floors of swimming pools and other basins, may result in slow and irregular drying of the applied layers.

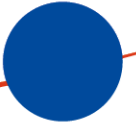
Two-component products may only be applied when the relative humidity is less than 85%.



Tel. +1 (407) 567-7860
www.prokolusa.com info@prokolusa.com

Liquid synthetic materials for a sustainable future

Rocathaan Topcoat 35



The minimum application substrate temperature is +5° C and the temperature of the surface to be treated must be 3°C above the dew point. Check the dew point table.

Full curing is accelerated in high ambient or substrate temperatures and slowed in lower temperatures. Pot life times depend on product temperature. Care should be taken on both counts.

Surface conditions

The surface must be healthy, with a minimum compression strength of 25 N/mm² and a minimum bond strength of 1.5 N/mm².

The surface must be clean and free of diesel, oils and grease. All loose friable materials and foreign bodies must be removed by abrasive blasting, captive blasting, high pressure water blasting. This is to remove all surface laitance. Prior to application of the primer the surface may be damp but must not have a water film. Monolithic floors and formed surfaces must be abrasive blasted or other preparation means to clean and profile. All concrete surfaces must be at least 28 days of age.

Steel need to be sandblasted with a profile 75 to 100 μ according to DIN EN ISO 12 944, part 4 and it is a requirement to always use a primer with corrosion resistant properties.

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

Important

Projects and uses can vary greatly. Always contact your supplier if in doubt about a certain use, 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, substrates 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. A copy of these sheets will be provided on request and is also available from www.prokolusa.com

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



Tel. +1 (407) 567-7860
www.prokolusa.com info@prokolusa.com

Liquid synthetic materials for a sustainable future