



ISO 9001

DATA SHEET

ROKOGROUND SILICATE

Product characterization

A very effective universal penetration and strengthening agent, intended for use with silicate colors. Rokoground Silicate exceeds in high covering, and is very easy to work with. This agent penetrates deep beneath the surface thanks to its nanoparticles and strengthens the entire surface. Rokoground Silicate will be appreciated by both professional and hobby users who will appreciate the quality of their work even after a very long time.

Application

Rokoground Silicate is intended to improve adhesion properties of silicate paint for bases with lime – cement, cement, stucco, or on soil – ceramic surfaces, furthermore this agent strengthens the base, straitens absorbencies of various undercoats, and creates a barrier against the negative permeability of aggressive substances from the undercoat into the final layer of the silicate indoor or façade paint. Compared to conventional penetrators, Rokoground Silicate also has the ability to visually unify the base, and in most cases the final coat of silicate paint only needs to be applied in a single layer.

Application instructions

Application:	Paint roller, paint brush or spraying
Dilution:	Supplied in correct viscosity for application
Toning:	Supplied in a white color
Tool cleaning:	Using water, immediately after use
Spreading rate:	8 – 12 m ² /kg depending on the condition of the base
Drying:	2-4 hours between layers (depending on temp and humidity)

Technical data

Binder:	Solution of modified organic resin
Specific weight:	1210 kg/m ³ max
Inflammation point:	non flammable
Diffusion resistance:	-
Suction capacity:	-
Storability:	2 years in well-sealed containers in the temperature range of +5 to +25 °C
Dry matter:	min. 27%
Delivery viscosity:	30 -40 with F4

Paint application

Undercoat

The surface of the walls must be properly pre-cleaned and must be free from cohesion free particles. Heavily dirty walls are to properly cleaned by brush, eventually if still necessary by a high pressure air device. Opened small surface cracks and the damaged plastered surfaces are to be repaired. Areas attacked by mold must firstly be treated by fungicide preparations, such as Rokofungistop. New masonries / cement-lime masonries must be left to dry properly for at least 3 weeks (depending on weather). When there are several paint layers on the wall, than it is necessary to firstly check the surface cohesiveness quality. The cohesiveness quality can easy be determined by making several small notches, for example with a razor blade into the previous coatings roughly 5cm long and 1cm apart. We then apply adhesive tape to this area and peel off the tape. Quality paint will remain on the wall. If the paint does comes off, then the previous layer must be removed by scraping it off the wall! If the paint remains securely on the wall, the penetration can be applied.

Penetration application

Rokogrund Silicate in supplied in correct viscosity ready for application.. Do not apply at temperatures below +10 ° C, at extremely high temperatures above +30 ° C or in bad weather, such as extremely high humidity (torrential rains), or in danger of night frosts. We recommend using a paint brush during application so that the penetration gets absorbed better into the surface. Sufficient is also application with a paint roller. Only apply the final coating once the penetration has properly dried. In the case of a partial tear, when more than half of the old paint still remains on the wall, we recommend double penetration applying the second layer when the first is still damp. This way we are reaching so called “deep penetration or undercoating”. We recommend double penetration or undercoating in cases when Detoxy Color is applied on hard plasters. Calcium sulfate contained in the plaster has acidic reaction so it must be carefully separated from the alkaline paint, otherwise chalking may take place. The optimum drying time for the penetration is between 2-8 hours prior to coating (depending on temperature and humidity).

Color dilution

Rokogrund Silicate cannot be used for partial or final dilution of silicate paints. The final coat of the silicate paint should be applied in a single layer, according to the covering state of the substrate. Large silicate coating thickness may lead to cracking or chalking.

Note:

During the application, the surrounding surfaces must be properly covered; once dry, Rokoground Silicate is very hard to remove. Protect the eyes and skin against contamination from the paint. If eyes are affected, rinse immediately with clean water and seek medical advice.

Notice:

Information stated in this datasheet is intended only for advisory purposes and is not exhaustive. In the case you are going to use the paint for a purpose different from that described here, first ask for a written statement.

Without this statement we will bear no responsibility for the paint quality and/or losses and damages given by any incorrect application. In addition, we also refer to our Trading Conditions.

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