



## Data sheet

# DETOXY COLOR – INTERIER

### Product characterization

A water-soluble silicate paint designed for both professionals and hobby consumers. Detoxy Color Interier is characterized by an extreme whiteness (whiteness level above 95 %), high covering power (level 1), and easy wash ability and abrasion resistance. Its vapor permeability (level 1) and long-term anti-microbial and fungicide efficiencies are also extremely good. The paint is resistant against aging and alkalis. The paint can be applied to most surfaces including plaster sheets, ceramic masonries, lime casts and white coats, concrete, etc. It also has a great tenacity to smooth surfaces, except for plastics. Direct application to metal substrates (especially steel), is not recommended. Detoxy Color Interier also contains color-fast pigments.

### Specific properties

Detoxy Color Interier contains a photo-catalytically active agent based on modified titanium dioxide, sensitive to both visible and ultraviolet light, capable of decomposing harmful emissions to water and carbon dioxide. It also contains active ingredients of nanoparticles that act against a wide range of organic pollutants such as mold, fungi, viruses even in the absence of light, however when exposed to light this phenomenon multiples. Another benefit of the product consists in outstanding carbon dioxide permeability which helps lime maturation in masonries and render. Detoxy Color Interier benefits are best seen in public building interiors endangered by the smoke of cigarettes, occurrence of gaseous and liquid air pollutants, germs and microbes, such as restaurants, food-processing plants, public health and hospital premises. The application method of this unique paint with extraordinary abilities is the same as in case of ordinary paints, nevertheless, a quality and cohesive base is always required.

### Base

The base must be clean, dry and free of any non-cohesive particles. Heavily polluted masonry must be brushed properly or cleaned with a high-pressure spraying device. If there are more previous coating layers on the wall we must remove the respective base by scraping it off or grinding it away. Open fissures and damaged masonry areas must be repaired by cement or masonry without gypsum. New masonries / cement-lime masonries must be left to dry properly for at least 2 weeks (depending on weather). Areas attacked by mold must firstly be treated by fungicide preparations, such as ALG Remover.

### Paint application:

The area to be painted should firstly be penetrated with the product Rokoground Silicate. Using this product it is possible to improve paint adhesion to the surface, prevent aggressive agents from getting from the base into the paint and also to compensate different ground absorbency. The primer Rogokrund Silicate is supplied in application viscosity. Do not dilute this penetration. Detoxy Color Interier should be applied only once the penetration is completely dry. The optimum period is 8 – 16 hours (depending on air temperature and humidity). Apply Detoxy Color Interier using a short-fiber roller. During the application, the room temperature should not fall below +15°. Second layer can be applied once first one is completely dry.

Sheet 1 (total 2)	Rokospol a.s., závod Kaňovice č. 101, 76341, tel. – 577 110 131-3, fax – 577 110 136, e-mail:rokospol@rokospol.cz, http://www.rokospol.cz	Update: JB, RV 09.04.2015, 21.04.2015
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### Application instructions

Application: Paint roller, paint brush or spraying  
Dilution: Detoxy Color Interier is supplied in the correct viscosity. If necessary, it can be diluted with max.5% water ( 7,5kg packaging can be diluted with max. 375 ml of water, 4kg packaging can be diluted with max.200 ml of water)  
Tool cleaning: With water, immediately after use. Dry paint is very hard to remove.  
Spreading rate: 4 - 5 m<sup>2</sup>/kg (per one layer, depending on the condition of the base)  
Drying: 8 - 12 hours between layers at 20 °C and 65% of rel. humidity.  
Final properties of the paint are reached after 7-14 days.

### Technical data

Vehicle: Potassium silicate  
Specific weight: 1400 kg/m<sup>3</sup> min  
Pigments: Titanium dioxide, light stable lead-free pigments  
Flash point: Non-flammable liquid  
Non-volatile agents 55 % by weight min.  
Gloss 2.5 at max.  
Whiteness: At least 95%  
Storability: 1 year in well-sealed containers in the temperature range of +5 to +25 °C

### Note:

Detoxy Color Interier in terms of nanotechnology is absolutely secure. All the nanoparticles are chemically bound to an inert carrier and are firmly anchored in the porous matrix. They can never get into space and threaten the health of people. In case of glossy bases (e.g. Rokosil ET RK 612) the application is not suitable. For very absorbent bases we recommend double penetration using Rokogrund Silicate , where the second layer is applied onto a damp surface. This way we reach so called “deep penetration or undercoating”.

In exceptional cases, when applied to the surfaces contaminated with hazardous substances tinted organic origin, can occur through contact with nanoparticles of the paint to change the color tone of the Detoxy Interior Color - formation of yellowish spots due to the decomposition of organic substances. In this case, we recommend to place instead of penetration, barrier primer paint Roko Anti Stain VR085 according to the data sheet.

Do not apply when there is direct sunlight, strong wind and on hot surfaces. During the application, the surrounding surfaces must be properly covered; once dry, Detoxy Color is very hard to remove. Protect the eyes and skin against contamination from the paint. The paint is strongly alkaline. 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.

Depending on the homogeneity and contamination of plaster, defects in the final coating may be caused.

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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