



robin

La qualité en peinture

Technical data sheet
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KRISTALIT

Thin matt mineral silicate cover for interior and exterior

DESCRIPTION:

KRISTALIT is a thin matt monocomponent cover, based on modified and stabilized silicate, designed for protection and decoration of mineral surfaces, for an appealing aesthetic look. Standard DIN 18363-2.4.6

MAJOR QUALITIES:

Thin cover based on silicate forms strong chemical binds with minerals, making coatings extremely resistant.

- KRISTALIT adhere perfectly on mineral surfaces like concrete, cement, bricks, stones, plaster and silicate coatings.
- is super-resistant to exterior aggressions: water, light, brutal temperature variations and microorganisms.
- is stain proof while not being thermoplastic ni electrostatic.
- has a traditional decorative notorious mineral look similar to **enduits à la chaux** and natural rock.
- breathing surfaces; it's high water-steam proving qualities do not impact its hydrothermic capacities.
- Rock-solid and very contact-resistant.
- naturally non-combustible.

APPLICATION FIELD:

Apply on walls and ceilings inside or outside for cleaning frontages.

CHARACTERISTICS

COMPOSITION:

Binder: silicate of potassium modified with
Organic stabilizers (contains a minimum of 5%)
Pigments: titane oxide, mineral colored pigments, mineral materials.
Solvant: water.

DENSITY: 1,40 +/- 0,05

DRYING:

at 20°C and 65% humidity:
dry without rain: 6 hours,
redoublable : 24 heures.

ASPECT DU FILM: thin matt coat, with a visual and tactile classic mineral appearance.

TINTS: available in white as well as tints for frontages "Al Letzebuerg", except blue and green tints (74 to 78).

PACKAGE: 4 ltr – 10 ltr

CONSERVATION:

6 months in original package and out of extreme temperatures.

FLASH POINT: none.

HYGIENE ET SECURITY:

Protect eyes and skin with glasses and gloves while manipulating (alkalin properties).
Protect glass, ceramic, rock, varnish and aluminium surfaces.
Laver immédiatement les éclaboussures à l'eau.

MISE EN OEUVRE

SUPPORTS ADMISSIBLES:

- Only for mineral surfaces, which react with KRISTALIT:
Crude concrete, foam concrete, coatings or mortars based on hydraulic binders, bricks, cinderblocks, asbestos cement, plaster, rock, old silicate coatings.
- Do not use on organic paints, crepis, wood, metal and plastic.

SURFACE PREPARATIONS:

- New surfaces:
 - Brush and steam dust and dirt (stripping oil, grease). Wipe the surface before manipulation.
 - If the surface is contaminated with moss, treat it with NOMOSS.
 - Apply a basic penetrating and hardening layer of KRISTALIT FOND, if the surface is porous.
 - If the surface is bubbly or requires patching, coat with an organic patch.
- Old surfaces:

By the end of preparations the surface is supposed to have it's original state.

 1. Old mineral coatings: eliminate any low-adherent elements. Sand, brush and dust it. Manipulate as a new surface.
 2. Mineral surfaces covered with organic paint or crepis: strip it of organic coatings using DECAP or sanding. Now organic elements should be left. Manipulate as a new surface.
 3. Preserved mineral dusty and foamy surfaces:
After cleaning and dusting, (limestone hardening surfaces, antifungal, patching), apply 2 layers of KRISTALIT FOND (0,4 l/m² in total), fresh on fresh with a hard brush. Repeat after 24 hours when dry. Delute eventually the finish layer to harden the basic

layer. (jusqu'à 20% de KRISTALIT FOND).

TOOLS AND USAGE:

KRISTALIT is applied with brush or a roll in 2 layers. Do not use spraygun (danger of alkalis projectiles in the eyes, skin or sensible surfaces)

Cleaning tools with water right after use is obligatory.

- Dilution: exclusively with KRISTALIT FOND.

NEVER DILUTE WITH WATER.

OUTPUT: 3 - 4 m²/Liter
Depending on porosity and granulometry of surface.

PRECAUTIONS:

Do not manipulate:

- on frost or frosted surface
- on a rain – exposed surface
- strong wind exposed surface
- on hot surface (temperature of 30+°C).

Remarque : Warranty invalid, if other system than provided by ROBIN S.A. is used

Note : cancel and replaces the former editions. It's up to our customers to check, before application, if it is indeed the last edition. The information contained in this note has only one indicative range and can not compensate a description suitable with the nature and the state of funds to be treated.