



robin

La qualité en peinture

Technical data sheet
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KRISTALIT-FOND **Impression pénétrante durcissante - diluante des films minces silicatés**

DEFINITION:

KRISTALIT-BOTTOM is a single-component clearcoat printing silicate modified and stabilized, for the protection of facades of which you want to keep the aesthetic: natural stone, old paint silicate faded, old mineral coatings healthy. It is also penetrating print hardening funds for the preparation of porous inorganic powdery and before applying a coating silicate. It is also used as a diluent for coating KRISTALIT to adjust their consistency of application. Meets DIN 18363-2.4.6

MAIN QUALITIES:

The silicate-based coatings form strong chemical bonds with mineral surfaces and lead to exceptionally resistant coatings.

- KRISTALIT-FOND adheres perfectly funds minerals such as concrete, cement, bricks, stones and silicate coatings.
- Super-resistant to external aggressions: water, light, sudden temperature changes and micro-organisms.
- Not messy or as thermoplastic, or electrostatic.
- Penetrates well into porous funds.
- Hardens funds friable.
- Lets breathe the support: very high permeability to water vapor does not change the hygrothermal behavior of the wall.
- Compatible with the coating by mixing KRISTALIT

FIELD OF USE:

S'emploie à l'intérieur sur murs et plafonds et à l'extérieur pour le ravalement des façades.

CHARACTERISTICS

COMPOSITION:

Binder: potassium silicate modified by organic stabilizers (guaranteed content below 5%).

Solvent: water

APPEARANCE IN JAR: very fluid colorless liquid

DENSITY: 1,01 +/- 0,05

DRYING: at 20°C and 65% relative humidity:

dry off rain: 6 hours
recoverable: 24 hours

ASPECT DU FILM: thin colorless

PACKAGING: in 10 ltr

CONSERVATION: 6 months in original packaging to protect from frost and heat.

FLASH POINT: none.

HYEGENE AND SECURITY:

Protect skin and eyes, due to the alkaline nature of the product (gloves and goggles).
Protecting glass, aluminum, ceramic, natural stone veneer surfaces.
Immediately flush with water splashes.

IMPLEMENTATION

ELIGIBLE SUPPORTS:

- Are accepted only the mineral surfaces with which chemically reacts KRISTALIT: raw concrete, cellular concrete, plaster or mortar based on hydraulic binders, bricks, concrete blocks, elements of asbestos-cement, plaster, stones, old coatings silicate.

Do not use on organic paints, plasters, wood, metals and plastics.

SURFACE PREPARATION:

- New Surfaces:
 - Remove dust and dirt by brushing organic (form oil, grease) by high pressure washing. Réessuyer media before application.
 - If the medium is contaminated with moss, treat it with NOMOSS.
- Existing surfaces:
After preparatory work, the surface condition of support should be comparable to a new support
- 1. Old mineral coatings: eliminate all poorly adherent parties. Perform sanding, brushing, or a dusting of powdery surfaces. Then treat it as a bottom nine.
- 2. Mineral surfaces coated with organic paints or plaster: completely stripping the organic coating with DECAP or by sanding. There must remain no trace of organic matter. Then treat it as new.

3. Healthy, porous or chalky mineral surfaces: treat as new ones after cleaning and possible treatment (limestone hardening substances, antifungal, filling).

APPLICATION AND EQUIPMENT:

Protective lacquer: KRISTALIT-FOND is applicable with wide brush or roller in one or two layers depending on the porosity of the bottom. The transparent coating

obtained after drying must be thick enough to protect the support, but not too much not to crack or faïencer aging. The spray gun is excluded because of the risk of contact with eyes, skin and alkali sensitive surfaces.

Penetrating sense and hardening:

KRISTALIT-FOND applies in a layer on bottom if normally porous and non-chalking. On very powdery or very porous surfaces, apply 2 coats of KRISTALIT-FOND (a total of 0.4 ltr / m²), wet on wet to stiff brush. Repeat the operation if necessary after 24 hours of drying. Thinner: Incorporate KRISTALIT-FOND silicate thin film. Then stir with a whisk until obtaining a completely homogeneous mechanical mixture.

DILUTION: ready to use, but may be diluted with water in a proportion of 1/1 as a function of absorption of the substrate.

OUTPUT: 0.150 to 0.400 ltr / m² per layer depending on the porosity and size distribution of the surface.

CLEANING THE EQUIPMENT:
With water, right after manipulation.

PRECAUTIONS:

- Do not apply:
- on frost or frozen support
 - if exposed to rain or dripping
 - if exposed to strong wind
 - overheated surfaces (30+°C)

Note: cancels and supersedes the previous editions. It belongs to our customers to verify, before any implementation, that it is the last edition. The information in this notice are only indicative range and can not replace a proper description of the nature and state of the surface to deal