

Revex-cal RS



Description

Outdoor / indoor use coating specially formulated to apply over supports performed with mineral lime mortars type **Revex-cal base**, and consisting in revoke mineral colored based on potassium silicate dispersion established, according to DIN 18363, paragraph. 2.4.1 grain size arid selected and compensated and reinforced with EPHDRY TECHNOLOGY, that it is water-repellent compound based on silica nano particles, reacting among them, forming a tridimensional reticle without blocking the porous allowing thus the water steam diffusion and creating a water repellent effect that drags the accumulated dust on the façade provoking an auto cleaning effect.

Properties

- Mineral matt surface with high adherence.
- Anti-mold.
- Breathable to water steam and very permeable to CO₂.
- It forms a layer over the support, reacting in an insoluble way and consolidating totally through micro silicization.
- Reduced tendency to dirtiness and high resistance to the time passage-fi-reproof, antistatic, non-thermo plastic.
- High resistance to UV rays, industrial gases emissions and acid rain.
- Waterproof to rainwater, even few hours after its application.
- Ecologic by its properties and composition-without solvents addiction.
- Applicable in all the mineral supports

Workplace

Preparation of the support

- It has to be respected the minimum 10 to 15 days period (until unified tone appearance without water retention stains) before applying the silicate revoke over a new hydraulic natural lime, depending on the climatic conditions moment.
- The support has to be dry, healthy and without any dust and liquid remains.
- The surface is coated applying two revoke layers.

Technical information

Commercial denomination

REVEX-CAL RS

Aspect

Consistent paste White or colored

Presentation

5 - 25 kg buckets approx.

Binding base

Hybrid combination of potassium silica emulsion / acrylate with arid

Dilluting

PRIMER SI máx. 50%

Cleaning

Immediately after its use, with water

Finish

MINERAL MATT

Specific weight

1.55 Gr/cm³

Ph:

Approx. 11

Organic material content:

<5%

Permeability to water (w)

<0.10 [kg/(m²·h0.5)]

Colors

Color chart

Approx. yield per hand

From 0.15 to 1.5 m²/kg
(Consumption indicated is orientate, in any case an exact consumption will be determined performing workplace samples)

Touch dry (20°C HR: 60%)

2 hours

Repainting (20°C HR: 60%)

12 hours

Application temperature

From 8 to 35°C

Storage

At a dry place, protect from Frost and closed package. Protect against heat and the sun direct incidence.

Revex-cal RS

Application

To improve the application and working speed of the **Revex Cal RS**, thoroughly remove the product before use, mechanically and until its perfect homogenization.

Method in 2 layers

- In order to prepare the surface, apply a layer as ground of **Primer SI**. This layer improves also the mechanical mortar resistances the absorption and acts as an adherence promotor and of the silicization mineral revoque with the mortar.
- Let it dry at least 12 hours.
- After this time, apply one coat of **Revex-cal RS**, uniformly and as a regularization layer, to guarantee the chromatic uniformity of the following layers.
- Once dry to the touch (approx., between 2 and 5 hours depending on the weather), apply a second finishing layer with the **Revex-cal RS** type of chosen.

Method in 1 layer

- When the supports allow it that means, being new or they present a healthy or non-improving aspects, there will be the option for the coating application **Revex-cal RS**, in a single layer, and to proceed with this you have to follow like this:
- In order to prepare the surface, apply a layer with **Revex-cal RS**, diluted to 50% with **Primer SI**, in a uniform way and without irregularities, in such a way that this layer covers totally the support and guarantee the chromatic uniformity of the following finish layer.
- Let it dry at least 12 hours.
- After this time, apply a second finish layer with the kind of revoque chosen **Revex-cal RS**.

In any of the two application methods:

- Do not apply the product at temperatures low than 8°C nor with superior humidity to 80%.
- Avoid application over the exposed surface to a high insolation
- Apply in complete panels and from wet to wet in order to obtain the maximum color intensity.

Application method

- Nonmetallic trowel, roll or airless pistol.



Packaging

5 - 25 kg bucket

Color

Colors chart

Consumption

From 0.15 to 1.5 m²/kg

Preservation

At a dry place, protect from Frost and closed package. Protect against heat and the sun direct incidence.



⚠ IMPORTANT

The observations and prescriptions of this technical sheet, even corresponding to our best experience, should be considered, in any case, purely indicative, and must be tested by exhaustive practical applications; Therefore, before using the product, whoever is going to do it must establish whether it is suitable for the intended use, and assumes any responsibility that may arise from its use. Once the product is handled or applied, the manufacturer will not assume any claim, nor will it be responsible for the form, mode and conditions of application.