

FoamLime[™]

FoamLime[®] Revoco Silicato

DESCRIPTION

Covering for both indoor and outdoor use, especially formulated to be applied over substrates carried out using mineral lime mortars such as FOAMLIME[®] BASE; coloured mineral render made of a dispersion of stabilized potassium silicate in compliance with DIN 18 363 paragraph 2.4.1, selected and balanced granulometry aggregates and reinforced with EPH DRY TECHNOLOGY-- hydrophobic compound made of silicon nanoparticles which react together creating a three-dimensional reticule which does not block pores and allows water vapour diffusion, thus creating a waterproof effect that sweeps dust and impurities away from the facades and produces a self-cleaning effect.

PROPERTIES

- High-adherence matt mineral surface.
- Anti-mold.
- Water vapour breathable and highly permeable to CO₂.
- It reacts insolubly with the substrate, consolidating it completely by means of micro-silicization.
- Reduced tendency to dirtiness and long lasting.
- Non-thermoplastic, fireproof and anti-static.
- Highly resistant to UV radiation, industrial-gas emissions and acid rain.
- Rain-proof, even after only a few hours after application.
- Ecological due to its properties and composition—no added solvents.
- Applicable over all kinds of mineral supports.

PLACING

PREPARATION OF THE SUPPORT

- The substrate must be dry, healthy, clean and free of any remains of dust and liquids.
- The minimum period of 10 to 15 days should be observed—until a unified tone appearance is achieved, showing no water-retention stains—before applying the silicate-based render over a new natural-hydraulic-lime finish, depending on the weather conditions.
- The surface is covered by applying two coats of render.

APPLICATION

- Stir well before use by means of a mechanical stirrer until perfect homogenization in order to enhance its application and speed of work.

2 COATS METHOD

- In order to prepare the surface, apply a background coat of IBERCAL PRIMER SILICATO which improves the mechanical strength of the mortar, regulates absorption and enhances adherence and mineral silicization between the render and the mortar.
- Let dry for at least 12 hours.
- Once done, uniformly apply a coat of IBERCAL SILEX RS-05 render by hand, as a regularising layer to ensure the chromatic uniformity of the following coats.
- Once dry to the touch—between 2 to 5 hours, depending on the weather conditions, apply a second finishing coat using the chosen IBERCAL SILEX RX render.

1 COAT METHOD

- When the substrates be new or present a healthy and impeccable appearance, opt for the application of IBERCAL SILEX RX coat in one single layer.

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- In order to prepare the surface, apply a background coat of IBERCAL SILEX RS-05 diluted at 50% with IBERCAL PRIMER SILICATO, uniformly and evenly. This coat will cover the support totally, thus ensuring the chromatic uniformity of the next finishing coat.
- Let dry for at least 12 hours.
- Once done, apply a second finishing coat using the chosen IBERCAL SILEX RX render.

FOR BOTH METHODS

- Do not apply the product at temperatures below 8°C or humidity over 80%.
- Avoid the application on surfaces exposed to heavy sunlight.
- Always cover full stretches and wet-on-wet so as to obtain the maximum colour intensity.

APPLICATION TOOLS

- Non-metallic trowel, roller or airless spray gun.

TECHNICAL INFORMATION			
Trade Name: FOAMLIME® REVOCO SILICATO.			
Appearance:	White or coloured thick paste.		
Presentation:	Buckets; Approx. 5 and 20Kg		
Base binder:	Hybrid combination of potassium silicate/acrylate emulsion with aggregates.		
Solvent	SILEX PRIMER SILICATO max. 5%.		
Cleaning:	Water, immediately after use.		
Finish: Matte mineral.	Specific weight: 1.55 g/cm³.	pH: Approx. 11.	Organic matter content: < 5 %.
Permeability to water (w): < 0,10 [kg/(m² · h^{0,5})].	Colours: Colour chart.	Estimated yield per run: From 0,15 to 1,5 m²/kg (Stated consumption is indicative; an exact consumption will be determined by sampling on site).	
Drying time to touch (20°C RH: 60%): 2 h.	Repainting (20°C HR: 60%): 12 h.	Application temperature: Between 8 and 35 °C.	
Storing: store in a cool place, protected from freezing, heat and direct sunlight and in a closed container.			