

CORICAL

MINERAL LIMEWASH

DESCRIPTION

CORICAL is a mineral, non-organic limewash for indoor and outdoor use, which gives a traditional matt finish. It is a ready mixed limewash containing only natural, pure, high-quality products.

APPLICATION AREA

Thanks to its intrinsic qualities, CORICAL is utmost resistant to atmospheric pollution and can as such be applied in the most severe climatic circumstances. CORICAL can be applied on all types of mineral substrates like bricks, natural stones, renders and plasters, etc.

Its mineral appearance and excellent light fastness, due to the use of natural pigments, make of CORICAL a very suitable paint for the restoration of historical sites and monuments, as well as for the application in contemporary architecture.

Furthermore, due to its typical mineral properties, CORICAL is utmost preferable for the use in a bio-ecological context.

PROPERTIES

CORICAL is known for its:

- matt and mineral appearance
- excellent light fastness
- high-coating capacity
- high vapour diffusion (99%)
- free of solvents
- anti-allergic
- non-flammable

Due to its high alkalinity, CORICAL can be applied immediately onto new renders, masonry joints, etc. CORICAL can also be applied in a transparent 'lasur' technique.

TECHNICAL DATA

- Specific Weight (UNI 8910)	1330 gr/Lt± 20
- Nature of the binding	matured lime putty in watery dispersion
- PH (UNI 8490/4)	11-12
- Stringiness Brookfield 20 rpm (UNI 8490/3)	1.100
- Resistance to the washing (UNI 10560)	2.440 cycles
- Resistance to the washing (ISO 11998) 16hx40°C a 200 cycles	11,4 µm
- Classification Resistance to the washing (EN 13300)	class 2 (≥ 5µm and < 20µm at 200 cycles)
- Taken of dirt (MV AT 008)	56,33 ΔL (from > 15)
- Classification Taken of dirt (UNI 10792)	HIGHT
- Coefficient of transmission to the water vapour "V" (MV AT 036)	412,58 g/m ² (> 150 g/m ²)
- Resistance to the diffusion of the water vapour "sd" (MV AT 036)	0,051 m (> 0,14 g/m ²)
- Classification Permeability to the vapor (UNI EN 1062-1)	HIGHT (V1)
- Permeability to the water liquid "w" (MV AT 083)	1,80 kg/m ² x h ^{0,5}
- Classification Permeability to the water liquid (UNI EN 1062-1)	HIGHT w1 (> 0,5)
- Desiccation	to the touch > 60 minutes 825°C with Relative Damp 65%) overpainting after 6-8 hours the product completes the processes of desiccation and polymerization within 8-10 days under optimal environmental conditions Lt 15 = 60-70 m ² (according to the absorption of the support)
- Made for wrapping middle	1° hand 40% with water - 2° hand 20-30% with water
- Dilution	white or dyed briefcase
- Colour selection	< 1 g/l - Directive 2004/42/CE - CAT A/c - BA class A+
- Contained maximum VOC	
- Classification TVOC (EN ISO 16000-9)	



PREPARATION OF THE SUBSTRATE

Stable, clean surfaces - such as lime renders and plasters, limewashes as well as traditional masonry in brick or natural stone built with lime mortar - do not require any prior treatment. Powdery surfaces must be removed back to a sound substrate. Carry out any repairs and fillings of interior surfaces using CORIDECOR START or RASADDECOR filler and/or RASOCAL lime putty. For exterior applications use natural hydraulic lime mortars.

It is advisable to completely remove any previous synthetic coatings, especially for external applications, as well as any remaining adhesives such as wallpaper paste, for instance. If these are not entirely removed, sand down the surface until a matt appearance is obtained, then clean it with a solution of about 3% ammonia. Unstable backgrounds and backgrounds with uneven absorption should be stabilised with CORIFONDO sealer.

Never apply a primer coat of CORIFONDO externally on solid walls without a cavity.

When surfaces are very dry and in high temperatures, we recommend that the surfaces be dampened prior to application of the first coat of CORICAL limewash.

APPLICATION

Mix the limewash thoroughly before use. Apply the limewash with airless (diluted with 30 to 40 % of water / nozzle 0,79mm), a rectangular brush or a short-bristle roller, depending on the desired result. Application using a rectangular brush enhances the natural nuances and effects of the limewash. It is possible to work in large stripes of 80 to 100 cm in width, or even by motions in multi directions applied to the wall at random, to obtain a moiré effect.

On dry surfaces, apply two successive coats. Dilute the first coat with 20 to 50% of water, the second with 5 to 10% water. For frescoes, in case of fairly damp lime plaster and lime renders, apply three coats. Dilute the first coat with 80% of water, the second with 50% water, and the third with 30% water. Drying time between coats: 12 hours.

Do not apply CORICAL limewash to surfaces exposed to strong winds or direct sunlight, nor in case of heavy fog or temperatures under +5°C or over +30°C. Immediately clean tools in water.

CONSUMPTION

Indicative consumption: 0,270 l/m² in two layers.

The average coverage per litre of limewash amounts 4 to 6 m² in two layers.

PACKING AND STORAGE

Plastic buckets of 1 litre, 5 litres and 15 litres.

The stability of the silicate paint is at least 24 months provided being stored in airtight closed containers and suitable environmental conditions. Store in a cool and dry environment, outside the reach of frost and direct sunlight. Protect from heat sources.

SAFETY PRECAUTIONS

Irritating to skin. Risk of serious damage to eyes. Avoid contact with skin and eyes. Wear a suitable protection upon application, as well as safety goggles and impermeable protection gloves. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. If swallowed, seek medical advice immediately and show this container or label.

Cover glass, ceramic, metal and stone surfaces and window frames, which should not be painted, with impermeable membranes. Stains should be removed immediately. Keep away from children. Do not litter.

REMARKS

The current data sheet replaces any previous version.

Our advice and information are given in good faith and depending on the latest developments of our products. We guarantee the consistent quality of our products, but do not accept any liability concerning their application. In any case, we do recommend to consider the type of substrate and the climatic conditions before applying our products or to apply a test surface in order to analyse the suitability of the product for the given substrate.

In case of doubt regarding the substrate, consult our technical service department.