

# Calcecruda

## Mineral decorative coating for interiors and exteriors

### DESCRIPTION OF THE PRODUCT

**Calcecruda Intonachino** is a microporous decorative coating, of mineral nature, with a strong natural connotation that actively contributes to living comfort.

**Calcecruda Intonachino** is formulated on the specific properties of lime hydrate, purified clay, selected marbles and natural sands, which when appropriately balanced, allow excellent workability and moldability.

The clay component creates a network structure of particles, adjusts processing times and improves the workability of the product.

The presence of cellulose fibres strengthens and reinforces the structure, thus contributing to the realisation of greater thicknesses – 1,5-2 mm - in synergy with the other components.

**Calcecruda Intonachino** allows the attainment of top-quality finishes with crinkled effect, with soft and warm colours, at the same time providing an elegant decoration for interior and exterior surfaces.

**Calcecruda Intonachino** sensitively reduce the formaldehyde concentration, as per the specific law ISO 16000-23. The duration of the destruction process is not permanent, it is strictly linked to the environmental conditions.

### APPLICATIONS

Applicable on:

- New and old base hydraulic binder-based plaster.
- Old paints and organic or mineral coatings, dry, compact, absorbent and cohesive.
- Various absorbent mineral conglomerates.
- Gypsum and plasterboard surfaces

### IDENTIFICATION FEATURES

Nature of the binder: air lime, organic modification <5%

Drying (at 25°C and 65% R.H.): to the touch in 4 hours; can be over-coated after 12 hours (depending on the thickness applied).

**Determination of volatile organic compounds (VOC) ISO 11890:2 (not diluted) < 1 g/l**

### PERFORMANCE CHARACTERISTICS

Liquid water permeability EN 1062-3: class W<sub>2</sub> MEDIUM; W> 0.1 ≤ 0.5 kg/m<sup>2</sup>h<sup>0.5</sup>

Water vapour transmission rate ISO 7783-2: class V<sub>1</sub> HIGH; Sd< 0.14 m (for thickness of 0.7 mm)

Reduction of formaldehyde concentration: ISO 16000-23 TESTED AT EUROFINS Denmark; > 80%.

### DILUTION

**Calcecruda Intonachino**: ready for use.

### WARNINGS

Mix the material thoroughly before tinting and before application. Do not apply on fresh/new and essentially alkaline substrates; wait for a maturation period with general duration of 4 weeks.

# Intonachino

Do not apply in the presence of rising damp.

Application on concrete surfaces has a decorative function.

### PREPARATION OF THE SUBSTRATE AND APPLICATION

(Reference environmental conditions T=25°C, RH=60%)

The surface must be dry and have no dust and mineral salt spots.

If necessary, restore or consolidate the substrate using specific products.

Treat the surface with appropriate products in the presence of mould. Remove any salt bloom and any flaking old paint by brushing or washing.

Completely eliminate any raised layers of lime-based or tempera paint. Remove the dust deposits, smog and other by brushing.

In the presence of non-cohesive and crumbling substrates, apply a layer of **Decofix** (micronized wall primer) using a brush. Alternatively, for solid, non-crumbling substrates, a layer of diluted **Novaprimer** (water-based pigmented acrylic sealer) can be applied using a brush.

Using a stainless steel spatula, apply a smooth layer of **Calcecruda Intonachino** onto a completely dry surface and before the latter dries totally, finish the surface using a damp sponge trowel.

Drying time: approx. 24 hours depending on the type of substrate, its absorption and the environmental conditions.

**Calcecruda Intonachino can be applied on exterior surfaces only if it will be covered with at least 2 layers of Fase Silossanica or Patina Minerale . It is advisable to apply a first layer of clear color wash and complete the decoration/protection of the surface with one or more layers of tinted color wash.**

### PROTECTION AND DECORATION OF THE SURFACE

For the decoration of the surface, the application of **Patina Minerale** is recommended, or, as an alternative, **Fase Silossanica**.

Application must be onto completely dry surfaces in compliance with the indications given in the technical data sheet.

For further information, consult the relative technical data sheets. The applications of the finishing proposed will alter the aspect of the surface. Before proceeding, it is recommended to perform a preliminary test.

### PRECAUTIONS

The material must be protected from freezing and thermal shocks throughout the entire application process.

Do not apply when air, substrate and product temperatures are below +5°C or above +35°C, or in direct sunlight, or on hot surfaces (even if already in the shade). Environment humidity must be < 75%; the humidity of the substrate must be < 10%.

It is recommended to finish the job using the same production batch. If different batches are used, we advise mixing the different batches together in order to avoid slight colour differences.

Technical data sheet: Calcecruda Intonachino

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The application of **Calcecruda Intonachino** on exterior surfaces implies the use of light colors and colorants resistant to exteriors. After the application surfaces have to be protected from the rain and humidity up to complete drying.

The exposure of the wet surface to weather conditions  
For correct use of the materials mentioned, dilution and application, read the relative technical data sheet carefully.  
Correct use of individual protection equipment (PPE) is recommended during all preparation of the substrate, products and application of the same.

#### **CLEANING EQUIPMENT**

Clean with water immediately after use.

#### **COVERAGE**

**Calcecruda Intonachino:** 2,2-2,8 Kg/m<sup>2</sup> in one layer, according to the finish of the substrate and its absorption.  
It is good practice to check the effective coverage via a preliminary test on the specific substrate.

#### **COLOURS**

**Basic** and **Calcecruda** colour chart.

#### **PACKAGING**

20 Kg cans.

#### **STORAGE CONDITIONS AND SHELF LIFE**

The product must be used preferably within 2 years from the production date if kept in its original un-opened container and in conditions with suitable temperature.

As they are lime-based products, there may be an increase in viscosity during storage.

#### **SAFETY INDICATIONS**

Directive 2004/42/CE:

Calcecruda Intonachino (paint for decorative effects)  
EU limit value for Calcecruda Intonachino (cat A/l):200 g/l (2010)  
Calcecruda Intonachino contains max. 5 g/l VOC.

Irritant / risk of serious damage to eyes / skin irritant / keep out of the reach of children / avoid contact with eyes / in case of contact with eyes, rinse immediately with plenty of water and seek medical advice / wear suitable gloves and protect eyes / face / if swallowed, seek medical advice immediately and show this container or label.

The product must be transported, used and stored in accordance with current legislation concerning health and safety; let residues dry out completely and treat them as special waste.

For further information, consult the MSDS.

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