

## Naturae

Mineral lime paint for interior and exterior.

Lime, an ancient material, inextricably related to the Italian tradition, meets modern technologies to create a high quality paint with low VOC content (max value 10 g/l).



Mineral paint



Excellent vapour permeability



Low VOC content



Qualifies for green credits



Coverage  
5.5 – 8 m<sup>2</sup>/l  
for coat



Dilution  
1st coat 30-40%  
2nd coat 20-30%



Interior/Exterior

### DESCRIPTION

Mineral lime paint for interior and exterior walls, with natural binders and additives, compliant with DIN 18363 standard, low VOC content (max VOC 10 g/l) for a pleasant matt effect. **Naturae** qualifies for green credits according to LEED and GBC standard. **Naturae** is composed of traditional organic material and improved through modern technologies to achieve an excellent paint in terms of performance and application. Thanks to its mineral composition, it is highly vapour permeable and can considerably reduce substrate humidity, therefore avoiding flaking and detachments normally caused by the humidity in the underlying plaster. Its mineral composition prevents the proliferation of moulds and microorganism, in a natural way, without the use of harmful chemical additives. Its action is effective as long as external factors do not modify its pH. Once dry, it is not dusty and in contact with air it develops the natural carbonation process and turns into a compact, resistant and long-lasting surface.

### USE

Ideal for the creation of a safe environment. Particularly suitable for children's rooms and rooms subject to humidity such as bathrooms and kitchens. Ideal paint for green buildings and for preservation and renovation of buildings.

### PROPERTIES

- Non-toxic and odourless, provides a safe environment and improves the psychophysical well-being.
- Excellent vapour permeability, significantly reduces the relative humidity.
- Counteracts the proliferation of moulds and microorganism in a natural way without the use of chemical additives.
- Creates a compact, resistant and long-lasting surface.
- It qualifies for LEED and GBC green credits.

### SUITABLE SUBSTRATES

Ideal on lime plaster, lime-cement plaster, old paint and mineral coatings. In interiors it can also be applied on previous synthetic paints or different substrates, after proper preparation of the surface, but the underlying substrate will compromise vapour permeability of the system.

### SURFACE PREPARATION

Surface must be dry and cured, perfectly anchored to the substrate, free from dirt, grease, mould, bacteria, fungi, efflorescence or anything that could compromise adhesion or the successful outcome of the work. In case of non-adherent plaster remove incoherent parts and restore the surface with ARCADIA® INTONACO or INTOCALCE, depending on the thickness to be recovered..

**Exterior:** On lime plaster, lime-cement plaster, or old lime paints, as long as well adherent, **Naturae** can be applied directly. In case on non-adherent surfaces consolidate with ACCADEMIA SILIK PRIMER diluted 2:1 – 1:1 with water. Old paints and synthetic coatings need to be removed and then apply INTOCALCE or ACCADEMIA STRUCTUR. **Interior:** On mineral non-flaky surfaces apply **Naturae** directly. Otherwise first consolidate the surface with ACCADEMIA SILIK PRIMER diluted 2:1 – 1:1 with water. Old synthetic paint needs to be removed. Afterwards apply ACCADEMIA STRUCTUR as basecoat.

**Naturae** can be applied on not completely cured mineral plasters. Sand the surface to be painted, remove and restore any incoherent part. In case of dusty plasters or high temperatures it is advisable to moisten the surface with water.

### APPLICATION

**Naturae** is applied by brush or roller, at temperatures between 10 and 35°C. Apply in 2-3 coats and wait 6-8 hours in-between. Dilute the first coat 30%-40% with water (by volume) and subsequent coats 20 - 30%. Do not colour the product with organic chemical colourants as this would compromise colour stability.

Exterior: we recommend a final protection with water-repellent silane-siloxane products such as

Colorificio MP srl

Via G.Pastore, 2 47922 – Rimini (Italy)  
Tel. +39 0541 734086 Fax +39 0541 734282  
mp@mp-paints.com [www.colorificiomp.it](http://www.colorificiomp.it)

PROTEXIL® IMPERMEABILIZZANTE or PROTEXIL® ANTIMACCHIA protective treatment agent for stone-based and absorbent surfaces, oil-repellent, water-repellent, based on fluoropolymer C4 resins in water emulsion, ready to use. Apply by brush or roller in 2 coats until full saturation of the surface. Wait 5 minutes between each coat. Protect the surface from rain during application of the full system and for 3 days after the final coat. The final protection will improve water-repellence, resistance to acid rains and surface cleanliness overtime. It is especially recommended to apply the protective coat in case of application on particularly water-repellent surfaces such as dehumidifying plasters, to avoid fast wear of the finishing coat.

## TECHNICAL DATA

<b>CONSUMPTION</b>	0.125 – 0.170 l/m <sup>2</sup> per coat
<b>DRYING TIME AT 20°C</b>	4 hours
<b>SPECIFIC WEIGHT</b>	1.280 ± 0.05 kg/l
<b>STORAGE</b>	1 year in sealed package at temperature > +5°C.
<b>COLOUR</b>	white, "I Colori del Colore", "Armonie d'interni".
<b>PACKAGES</b>	10l – 5l

## IMPORTANT NOTES

- Surface must be perfectly dry and cured and well-adherent to the substrate, free from dirt, grease, mould, bacteria, fungus, efflorescence or anything that could compromise adhesion or the successful outcome of the work.
- Store away from frost (minimum + 5°C).
- Store in a cool, dry place away from sunlight.
- Use the product at room and substrate temperature between + 10°C and + 35°C and with relative humidity < 75%
- Avoid drying when room and substrate temperature is below +5°C.
- Do not apply when rain is imminent, in full sunlight, when it is very windy or with persistent fogs.
- Protect surfaces against driving rain until the product is fully cured.
- Position scaffolding for continuous application as far as architectural interruptions so as to prevent the creation of joints, overlaps and colour differences.
- Purchase the colour in a single batch in a sufficient quantity to complete the job or at least a sufficient portion of the job in order to avoid visible colour differences.
- Wash the tools with water immediately after use.
- Due to its high alkaline nature of the product, it could irritate the skin and eyes. Avoid contact.
- For any issue not covered by TDS, please refer to the relevant safety sheet and/or contact our Technical Office.

## Emission limits of Volatile Organic Compounds (VOC) according to directive 2004/42/CE:

a) "matt coatings for interior walls and ceilings":

Limit Phase II (from 01/01/ 2010): 30g/l.

Max VOC in the product: 10 g/l.

## PLEASE NOTE

When applied in exterior, the product can be subject to uneven staining and discolouration due to its mineral composition. Among the reasons: different absorption rate in the substrate, exposure to a variety of atmospheric agents. In addition exposure to heavy and persistent rain in the first days after application, especially if the rain is acid, can give rise to the formation of a whitish superficial patina due to a chemical reaction of calcium hydroxide not yet carbonated, a phenomenon that tends to disappear over time with subsequent washing. These imperfections are not to be considered product defects but a result of its organic nature.

*The above information has been obtained from scrupulously controlled tests, and represents our best and most recent knowledge. This information is provided for reference purposes only. It is not binding upon the manufacturer, and neither may it constitute grounds for any kind of complaint whatsoever associated with the use of the products described, also considering that the conditions of use are beyond our control.*