



# BIANCO DI CALCE

Lime based  
mineral paint



konstruktive • **leidenschaft**



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## PRODUCT DESCRIPTION

**BIANCO DI CALCE** is a coloured mineral paint in powder form made up of Dolomite lime and fine siliceous charges, designed for protection, repair and restoration of plaster, natural dehumidifying treatments, cornices, mouldings, friezes, capitals, pilasters, architraves, architectural details and absorbent mineral surfaces.

The product with its characteristics, its appearance and its colour offers the warmth and authenticity of historical walls. Its particular composition gives an original aesthetic effect creating an alternation of smooth and soft, opaque and rustic that gives walls a feeling of shadows and movement. Applied by brush, the product can be used on both internal and external substrates of new and old buildings, or for the restoration of buildings in which special colour effects are required with quality finishes made of lime. It is particularly suitable for interventions on buildings of historical and artistic interest or for environmentally friendly green building interventions.

## COMPOSITION

**BIANCO DI CALCE** is a powdered product made from aerial lime, marble powder, selected fine aggregates, special hydrophobic mass and specific additives that improve the quality of the product in terms of workability, breathability and adherence to the substrates.

## MIXING AND APPLICATION

**BIANCO DI CALCE** can be applied to any traditional mineral surface: traditional lime based plaster, premixed plaster, lime-cement mortar, or traditional foundations.

The surfaces to be treated must be smooth, stable, clean, consistent, free of dust, bacteria proliferation, saline efflorescence, oil, grease, wax, residue of previous work etc. If necessary, perform a preventive cleaning of the substrates by pressure sandblasting or power washing.

Before applying **BIANCO DI CALCE** make sure the surfaces are coplanar, absorbent, solid and seasoned and that they are not subject to movement or shrinkage. When applying in high temperature it is necessary to wet the substrates previously with clean water.

## PAINT PREPARATION

Mix a tub of **BIANCO DI CALCE** with clean water at a rate of approx. 1:1 using an electric drill until smooth and lump free.

Add the colour tints **EASY DYE** to the mixture and stir again until smooth and uniformly coloured. Leave to rest for 2-3 minutes and mix again before applying. The mixed product can be kept in a sealed tub for up to 1 month.

Apply one or more coats of product to the entire surface. Wait for the previous coat to dry before proceeding with the next coat. To obtain the best appearance, apply the final coat with a 5x15 cm mixed synthetic wall brush.

Apply **BIANCO DI CALCE** with non-repetitive cross strokes, in order to create an alternation of smooth and opaque and rustic areas. The final aesthetic effect will be visible once the product is completely dry. Its special and unique composition allows to mask flaws of brush strokes on façades making it easy to apply.

On extremely porous and absorbent surfaces, it is necessary to wet the substrates before applying **BIANCO DI CALCE** to limit and unify absorption.

## INDICATIVE

0.140-0.160 kg per m<sup>2</sup> per coat.





**AMOUNTS  
REQUIRED**

**COLOUR**

White.  
*Collection:* EASY DYE.

**PACKAGING**

11 kg tubs.

**STORAGE**

24 months in original intact packaging, protect from damp.

**RECOMMENDATIONS**

Do not apply in temperatures inferior of +8°C, in the presence of strong wind, rain or in direct sunlight or temperatures above +30°C. Temperatures below +8°C with high percentage of humidity can cause superficial carbonation.  
In high temperatures, it is advisable to wet the entire substrate with water before applying product.  
Avoid applying mineral coatings to surfaces previously treated with synthetic paints or coatings.  
Do not apply to surfaces that are frozen, dusty, inconsistent or unstable.  
The colour may vary depending on the environmental conditions when applied.  
Coloured products must be applied to homogeneous substrates only.  
Always use the same amount of water during preparation in order to avoid possible colour variations.  
On extended surfaces provide adequate clearance of drains or joints, or create appropriate technical cuts.  
Avoid prolonged intervals until wall completion.  
Protect the applied product from frost, rain and fast drying for the first 24 hours after application.  
Different absorption, temperature when applying and heterogeneity of the substrates may affect the final aesthetic finish of the coloured mineral paint.  
Once mixed with water, **BIANCO DI CALCE** can easily be coloured by adding any tinting system specific for water-based paints.

**PRODUCT DATA**

<i>Appearance</i>	powder	
<i>Colour</i>	white	
<i>Dry bulk density of powder</i>	~ 1000 kg/m <sup>3</sup>	EN 1015-2
<i>Dry bulk density of paint</i>	~ 1200 kg/m <sup>3</sup>	
<i>Maximum aggregate size</i>	≤ 0,500 mm	

**APPLICATION DATA**

<i>Water content of mixture</i>	100%
<i>Mixing ratio</i>	1 x 11 kg tub + 11.0 ℓ of water
<i>Minimum application temperature</i>	+ 8°C
<i>Maximum application temperature</i>	+ 30°C
<i>Relative humidity of environment and substrates</i>	≤ 80%
<i>Substrate humidity WME</i>	≤ 20%
<i>Surface drying time</i>	> 2 hours





**DILUTION**

<i>Waiting time between coating</i>	> 4 hours							
<i>Tool cleaning</i>	soap and water immediately after use							
	Roller		Brush		Airless		Air	
<i>Coat</i>	1°	2°	1°	2°	1°	2°	1°	2°
<i>Dilution water</i>	N.A.		100%	100%	N.A.		N.A.	

**REMARKS**

**Product for professional use.** The data and instructions in this data sheet are based on our best practical and laboratory experience. They refer to laboratory tests and should be considered indicative. In view of the different conditions of use and application, which depend on factors over which Vimark has no control (type of surface, environmental conditions, technical indications for fixing, etc.), those who use the product are responsible for ascertaining whether or not it is suitable for the intended purpose. Thus our warranty obligation merely covers the quality and fade-free characteristics of the actual product, and exclusively in relation to the aforementioned data. Vimark reserves the right to make technical modifications without prior notice. This technical data sheet voids and substitutes all previous editions. Updates will be published on the web site [www.vimark.com](http://www.vimark.com).

