



# Artisan Stucco

LIME MORTARS & MATERIALS

The best from history to build for the future





## Lime; the art and craft of building

From the beginning of time humanity has decorated its houses, temples and palaces to express its cultural values and social aspirations. The earliest cave paintings, the famous frescoes of Pompeii and the Sistine chapel, the sleek lines of modern day architecture, they are all a salute to our most inner nature.

Lime mortars have always been a key part of that decorative tradition. With its sophisticated techniques and its carefully chosen materials, they are a culmination of centuries of evolution in construction and decorative arts. Even today traditional lime mortars can easily compete with any modern alternative on quality and price, yet its remarkable beauty remains unmatched.



## Pure and beautiful

Artisan Stucco lime mortars are crafted from the best materials nature has to offer and contain, nor require, any additives. The combination of our pure white lime and marble powder, together with carefully chosen natural mineral pigments allow for a wide range of colour finishes of unique depth and radiance. Because of the mortar's natural elasticity and the possibility of applying thin layers, transparencies with spectacular colour effects can be achieved.

Artisan Stucco lime mortars are easy to handle and allow for a wide variety of textures. From a rough grain to a smooth marble like finish, or even hand carved base reliefs. While our mortars are suitable for exterior walls, they can also be waterproofed using only natural ingredients, for use on vertical surfaces in bathrooms. The end result will have an extended life expectancy and stable colours, even under extreme conditions.

Artisan Stucco lime mortars can be used for masonry, vertical substrates, flooring, waterproof vertical plaster, fine stucco and base reliefs and for lime painting. Our mortars have been successfully used in a wide variety of projects such as the repair and restoration of historical building, exclusive interior design and ecological construction projects.







## Breathing walls

Your lime wall will constantly absorb carbon dioxide and excess humidity from its environment, helping with temperature regulation and air quality improvement. Lime mortars keep hardening during their life time without losing their elasticity.

Lime mortars harden by the evaporation of water and by a constant absorption of carbon dioxide from the air. Contrary to hydraulic binders, hydrated lime mortars allow for a high air permeation due to the presence of microscopic pores. This porosity speeds up the carbonisation process and at the same time makes for good acoustic insulation, with up to 70% reduction of sound transmission.

Although lime walls are resistant to rain water, the natural porosity of the material makes it permeable to water vapour and salts, preventing build up of water in its substrate. Lime mortars are hygroscopic by nature, absorbing water from the air in humid conditions and releasing it in dry condition, thus regulating environmental humidity. The alkalinity of the lime makes it a natural fungicide. Lime is a non-flammable material and does not release any toxic fumes.

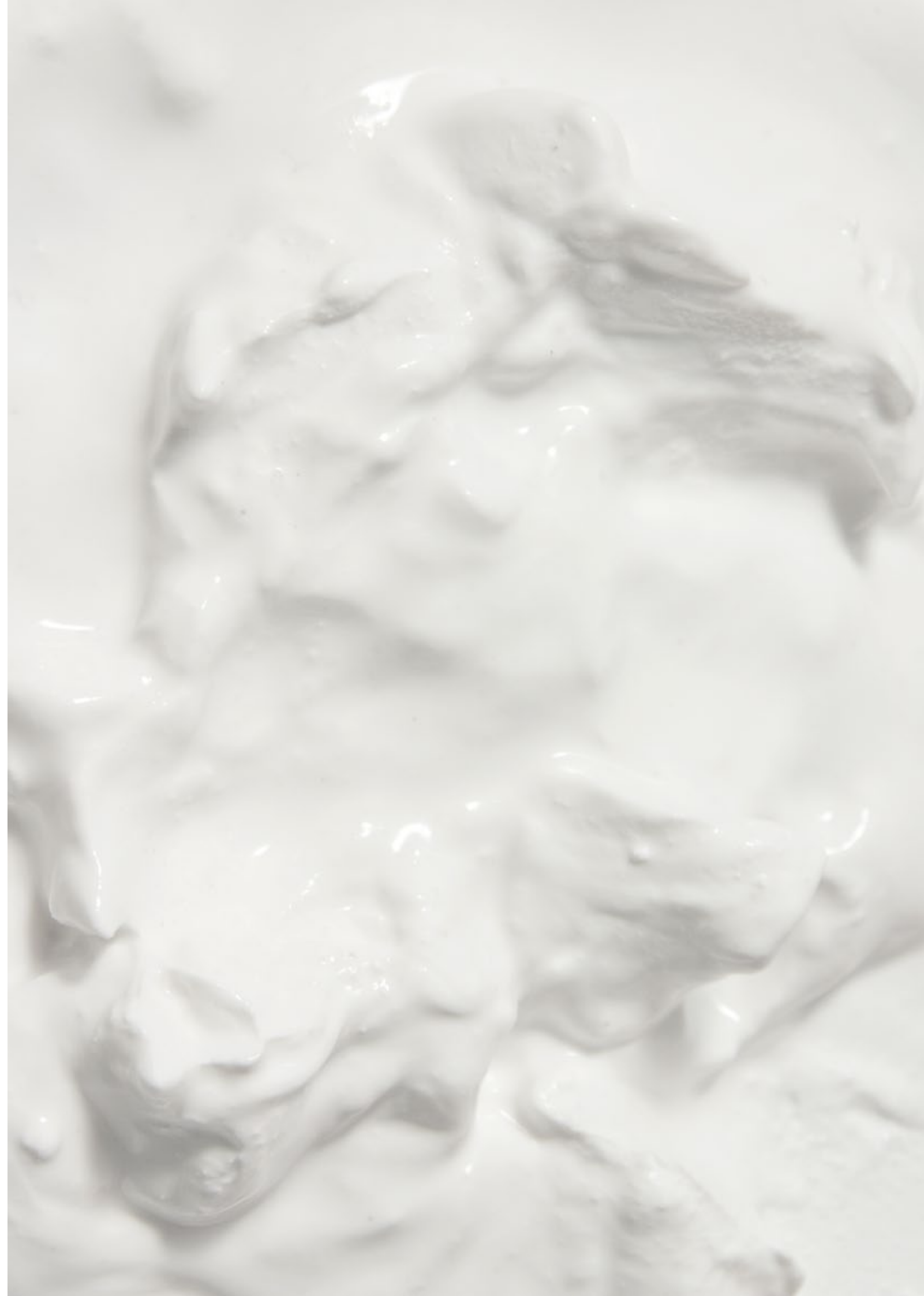
From the moment of application lime mortars have a very high dimensional stability. The material will maintain its volume even while submitted to strong changes of temperature and moisture. Combined with the natural elasticity of lime this provides perfect adhesion to the substrate during the drying process and long after. These excellent properties give lime mortars their durability and beauty. This becomes most apparent when we look at the near perfect condition of those famous walls and ceilings that are centuries old.

Artisan Stucco Lime Mortars help you to take the best from history and to build for the future.

## Lime putty, liquid stone

The pure mineral lime used for our aged lime putty is taken from lime deposits of the Ebro basin in the Zaragoza region of northern Spain. These lime quarries have been in use by roman settlers since 1000 BC and are known for their exceptionally bright white lime.

After calcination of the stone, the lime is then slaked with an excess of water and immersed for a minimum of 6 months. The result is a lime putty containing a minimum of 97% calcium carbonate that will increase in quality over time. Artisan Stucco Hydrated Lime Putty has a quick initial carbonation and progressively increasing mechanical resistance.







## Marble powder, the purest white

We select marble from the Almeria mines in the South East of Spain which has been favoured for its bright white colour since roman times. Using technically advanced separation techniques, our marble sands and powders are of a constant and precise grain sizes and are of the purest grade of white in the world at 98.5%.

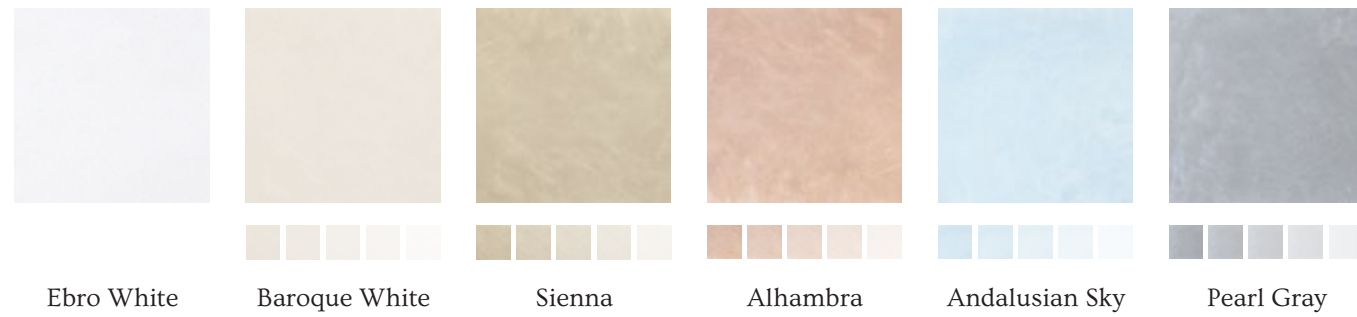


## Mineral pigments, colours from nature

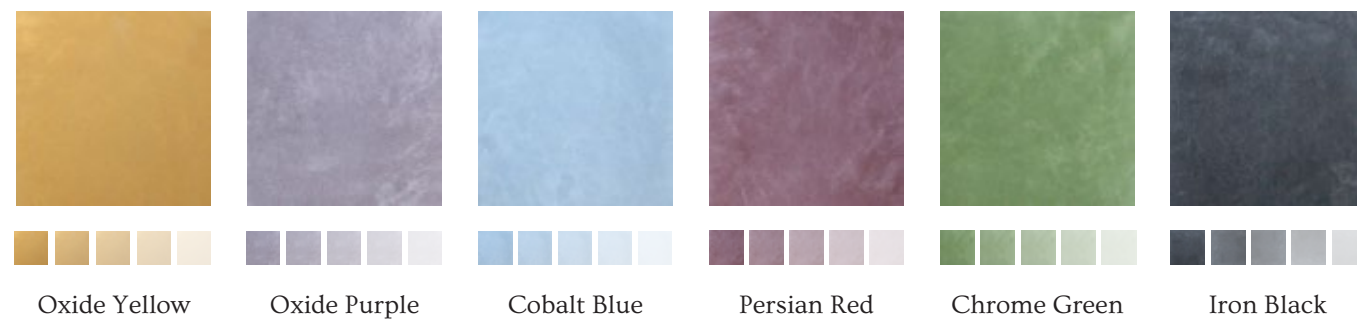
Our naturally occurring mineral pigments, mainly iron oxides and naturally tinted clays, are found in rocks and soils around the world. Highly stable and compatible with all mediums, they have been in use by painters and artisans throughout history. These natural colours have a vividness and depth that is unrivalled by synthetic pigments and will never change or fade.

Available in the following mixtures:

### Earth Colours



### Oxide Colours



### Any colour you like

On request we can produce any mixture of colours. Please visit our website for more information about getting your own personalized colour mixtures and how they are made.







## Workshops for professionals

To help you master the process of preparation and application of Artisan Stucco mortars, we regularly organise workshops instructed by Raquel Rodríguez Puebla.

Raquel is co-founder of Artisan Stucco Mortars and a lime specialist with more than a decade of experience in the application of traditional lime mortars in historical restoration projects, modern architecture and interior design.

For dates and locations of the workshops, please visit our website.

[www.artisanstuccomortars.com](http://www.artisanstuccomortars.com)



# Artisan Stucco

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