



**Eco-friendly line for green
building and renovation**



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4 | 5 **Why Naturalis?**

A line that looks to the future, with a selection of eco-friendly products with a reduced environmental impact.

The **Naturalis** line prefers components obtained from processes that are as **eco-friendly** as possible and among them shines lime, both hydraulic and hydrated. **Using lime** today means not only choosing quality and respect for history but also for the environment.

All products listed in this brochure are 100% **free from Portland cement** and the only solvent used is water. A system of eco-friendly products that, using only natural resources, allows the construction and redevelopment of healthier buildings.

The **Naturalis** philosophy by **Licata Spa** responds to the need for a life place that is in balance with nature, in which the building is an integral part of the environment thanks to the choice of ecological and breathable construction and finishing materials.

The use of entirely natural raw materials and the properties of lime make the

Linea Naturalis Calce
breathable, resistant to sea spray
and durable over time,
perfectly regulating
the ambient humidity



Ecosustainable historical revaluation

It has its roots in the past, offering materials that are suitable for all the needs of historical recovery

In recent times the functional revaluation of historic buildings compared to new buildings has become increasingly important.

All restoration work must be carried out with method and with the warranty of the best solution in the choice of the most suitable materials.

In this brochure **Licata S.p.A.** offers products and components that give buildings the appearance of old times combined with comfortable living conditions for those who choose to furnish their homes with them.

The intent is that of a building that is able to re-evaluate the concept of sustainability through the recovery and rehabilitation of the existing architectural and artistic heritage.

The enhancement of the constructions and binders is the result of many years of experience of our formulators who have developed **Naturalis calce**, a wide and varied line for every need aimed at building renovation.



6 | 7 Lime and sustainability

Lime is a raw material of natural origin, **moisture regulator and boasting antibacterial properties**. The inherently high pH prevents the proliferation of algae, moulds and microorganisms in general.

The hygroscopic capacity of the lime, together with its very high breathability, prevents the accumulation of moisture in the air, ensuring dry and healthy environments.

The binders, sand and rock used for our products are the direct descendants of those used in ancient farmhouses, castles and villas.

The additives of natural origin improve performance and workability, respecting the rustic and weathered aesthetics of historic buildings, keeping their appearance unchanged and prolonging their life.

Choosing Naturalis materials also **helps to protect the environment**. For the same weight, producing one kg of cement requires up to **10 times more energy and polluting** by-products than the same amount of lime.

What is called "lime" is a family of materials generally obtained from the cooking of marl, a limestone rock.

Hydrated lime is a white, light and soft powder, with natural disinfecting properties thanks to its high pH. Mixed with water, it has been used in construction since ancient times, both as a binder and as the final layer of walls and ceilings. Easy to colour and decorate, once dry it is a highly breathable but not **completely waterproof** material.

Hydraulic lime is obtained from rocks containing particular impurities that improve their resistance and make it a delicate beige colour. Discovered in roman times, thanks to its resistance and versatility, it has established itself as a binding protagonist in the world of construction for many centuries and today is reappearing in ancient farmhouses and villas. Less basic but more resistant than hydrated lime, it is appreciated for being **permeable to steam** yet **impermeable to water**.

For our products we use only **totally natural lime** not additivated with synthetic materials.

All types of lime are highly resistant in coastal and maritime environments, which instead negatively affect the durability of common Portland cement.

Why choose lime and which lime to choose





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Base plasters and binders

Storica Deumidificante
Romana Intonaco
Calce Idraulica Naturale NHL 5

10 | 11 Storica Deumidificante

Waterproof, breathable and fibre-reinforced renovation mortar (R), based on natural hydraulic lime

Storica Deumidificante is a mortar based on natural hydraulic lime, selected aggregates and additives of natural origin, ideal for the conservative restoration of historical interest.

Suitable for any type of masonry, it is the perfect solution for walls subject to excessive humidity, even in the presence of salts.

Once dry, it becomes a macroporous and water-repellent material, highly permeable to steam but resistant to capillary rising and the entry of liquid water. The innovative formulation gives the fresh mortar an extreme smoothness for quick and simple processing.

The glass fibres guarantee durability and resistance to cracking without compromising the aesthetics and ensuring ease of installation.

Storica Deumidificante complies with **class R** of the **UNI EN 998-1** standard as a restoration mortar.

✿ **Historically compatible** thanks to the use of traditional raw materials such as NHL 5 hydraulic lime.

✿ **The extreme smoothness** allows quick and easy processing, limiting the wasting of time and material.

✿ **Breathability and water repellency** make it ideal as a mortar for restoration on damp walls.

✿ **Excellent dimensional stability** and slow lime setting time prevent cracks and fissures.

✿ **The excellent adhesion capacity** makes it a suitable product for all common substrates even in the presence of salts.

**When
to use it**

Storica Deumidificante is particularly suitable for walls subject to excessive humidity, and where the pleasantly rustic appearance of hydraulic lime is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life, leaving the appearance unchanged.



APPEARANCE AND COLOUR



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12 | 13 Romana Intonaco

Ecological restoration mortar (R), breathable and fibre-reinforced, based on roman lime.

Romana Intonaco is a mortar based on roman lime, selected aggregates and additives of vegetable origin, ideal for conservative restoration. Particularly suitable as an intermediate or final plaster in historic buildings, where it perfectly replicates the rustic aesthetic of the ancient finishes, it can also be used in modern buildings, especially in projects that follow the criteria of green building. Once dry, it becomes a material that is highly permeable to steam but which helps protect against capillary ascent.

The natural properties of roman lime gives the fresh mortar softness and smoothness, for easy and fast processing.

The glass fibres guarantee durability and resistance to cracking without compromising the aesthetics and ensuring ease of installation.

Romana Intonaco complies with class R of the **UNI EN 998-1** standard as a restoration mortar.

✿ **Historically accurate** thanks to the use of raw materials such as roman lime and additives of plant origin.

✿ **Smoothness and softness** allowing quick and simple processing, limiting the wasting of time and material.

✿ **High breathability:** the presence of fibres and the particular formulation of **Romana Intonaco** also makes it ideal for laying on low or medium humid walls.

When to use it

Romana Intonaco is particularly suitable where the use of a completely environmentally friendly mortar is required or where the pleasantly rustic appearance of hydraulic lime is desirable. It is however a product suitable for all the most common substrates. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life, leaving the appearance unchanged.



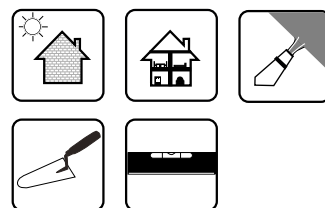
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Palazzo Abatellis 1495_ inner courtyard
Palermo_Sicily

14 | 15 Calce Idraulica Naturale NHL 5

NHL 5 pure natural hydraulic lime binder, reactive, resistant and environmentally friendly.

Calce Idraulica Naturale NHL 5 is a binder of pure hydraulic lime obtained by slow and low-temperature cooking of marl **selected for its pozzolanic properties**. The limestone is then partially hydrated and finely ground to obtain a fine and reactive binder, with high performance and extraordinary consistency. **Calce Idraulica Naturale NHL 5** is completely environmentally friendly, free from cement and does not contain any additional additives. The delicate shades of beige perfectly replicate the aesthetics of the ancient historic buildings and the extreme versatility allows any type of craftsmanship. **Calce Idraulica Naturale NHL 5** complies with the NHL5 class of the UNI EN 459-1 standard.

✿ **Historically accurate** thanks to the selection of the same maric rocks used in ancient limes.

✿ **The exceptional softness** allows the creation of aerated mortars, light and easy to work and lay.

✿ **The micro air bubbles** give exceptional breathability to the mixture and to the finished walls.

When to use it

Calce Idraulica Naturale NHL 5 is a versatile binder, compatible with most substrates used in construction. It is particularly suitable to be combined with selected aggregates to replicate the aesthetics of historic buildings. It lends itself to the preparation of grassello lime and to any form of artisanal mortar with breathable properties and the delicate hazelnut colour conferred by natural hydraulic lime.



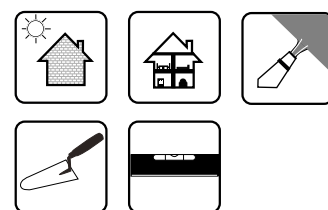
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Carmine Convent XIII and the XIV century , inner courtyard
Marsala_Sicily



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Styling mortars and moulding mortars

Stil Romana Faccia Vista

Stil Faccia Vista

Mod Fibro

18 | 19 Stil Romana Faccia vista

Breathable and highly adhesive bedding mortar (M5) and renovation mortar (R) based on roman lime.

Stil Romana Faccia vista is a multipurpose mortar based on natural hydraulic lime, selected aggregates and additives of natural origin. It is ideal both for the design and construction of walls and as a decorative finish, especially in buildings of historical interest. Suitable for any type of substrate, it is particularly suitable for use between joints and cracks in terracotta, natural stone and reconstructed stone.

Once dry, it becomes a porous material, impermeable to water but permeable to steam. The innovative formulation and the natural lightness of the lime give the fresh mortar smoothness and softness for quick and simple processing.

Stil Romana Faccia vista complies with class **R** of the **UNI EN 998-1** standard as restoration mortar and with class **M5** of the **UNI EN 998-2** standard as bedding mortar.

✿ **Historically compatible** thanks to the use of traditional raw materials such as roman hydraulic lime.

✿ **The excellent adhesion** capacity makes it a product suitable for any substrate, exceptional for styling.

✿ **Breathability and water repellency** make it ideal as a finish even on damp walls.

✿ **Smoothness and softness** allowing quick and simple processing, limiting the wasting of time and material.

When to use it

Stil Romana Faccia vista is suitable as a fine breathable mortar in dehumidifying cycles, as well as for the styling and visible bedding of stones and terracotta. However, it is a mortar that is suitable for most of the substrates used in construction in conservative restoration.



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Tempio della Concordia 440-430 a.C. Valle dei Templi_Agrigento_Italy

20 | 21 Stil Faccia vista

Breathable styling mortar based on hydrated lime.

Stil Faccia vista is a multi-purpose mortar based on hydrated lime, selected aggregates and additives of natural origin. It is ideal for both styling and masonry and as a decorative finish, especially in buildings of historical interest.

Suitable for any type of substrate, it is particularly suitable for use between joints and cracks in terracotta, natural stone and reconstructed stone.

Once dry, it becomes a microporous material, impermeable to water but permeable to steam.

The innovative formulation and the natural lightness of the lime give the fresh mortar smoothness and softness for quick and simple processing.

✿ **Historically compatible** thanks to the use of traditional raw materials such as hydrated lime.

✿ **The excellent adhesion** capacity makes it a product suitable for any substrate, exceptional for styling.

✿ **Breathability and water repellency** make it ideal as a finish even on damp walls.

✿ **Smoothness and softness** allowing quick and simple processing, limiting the wasting of time and material.

When to use it

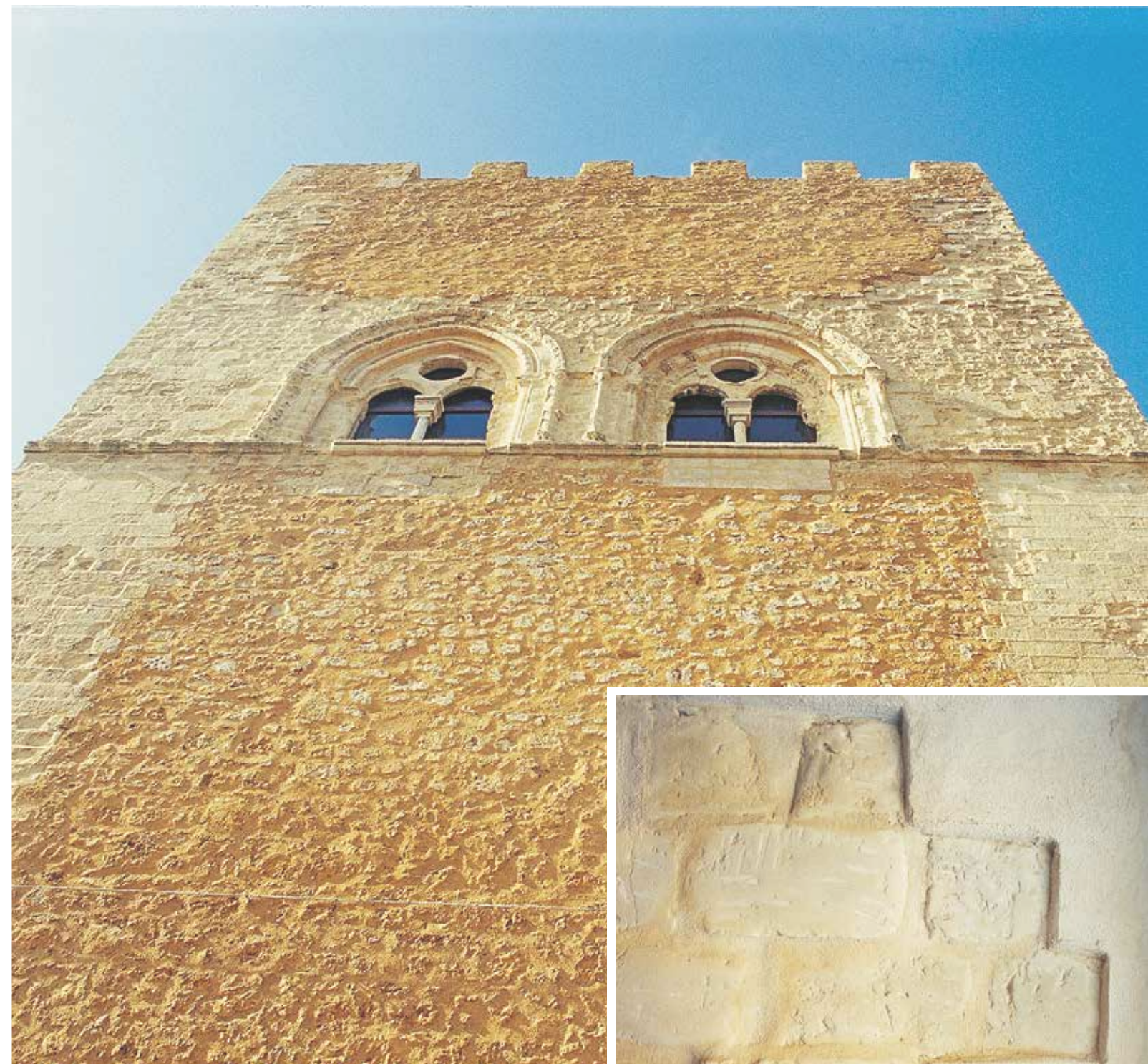
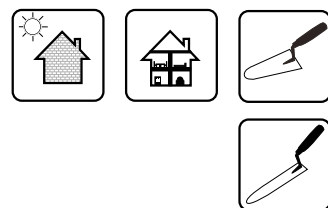
Stil Faccia vista is particularly suitable for the styling of stones and terracotta, as well as a fine breathable mortar in dehumidifying cycles. However, it is a mortar suitable for most of the substrates used in construction treated with fixatives or primers that uniform the absorption.



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APPLICATIONS



Naro Castle XV cent. _ Sicily



22 | 23 **Mod Fibro**

Fibre-reinforced mouldable mortar based on hydraulic lime for the moulding and reconstruction of architectural decorative elements.

Mod Fibro is a mortar based on natural hydraulic lime, selected aggregates and additives of natural origin, suitable for all the most common substrates. Of plastic consistency, easily moulded and shaped, it is ideal for the creation and reconstruction of decorative elements in new or existing buildings: capitals, friezes, cornices, etc. Once dry, it becomes a porous and vapour-permeable material, compatible with most tuff stones and with materials based on hydraulic or roman lime. The natural softness of the binder combines perfectly with the compactness of a plastic and malleable mortar, simplifying the laying and modelling operations even of suspended or overhead elements.

✿ **Historically accurate** thanks to the use of raw materials such as hydraulic lime and additives of natural origin.

✿ **Plastic consistency and lightness** also simplify the installation of vertical or suspended elements.

✿ **The high porosity** makes it as identical as possible to the ancient decorative materials used in historic buildings.

When to use it

Mod Fibro is particularly suitable for simulating the texture, consistency and colour of historical decorative elements based on lime or tuff. It can in any case be shaped and cut to decorate any type of building and is suitable for laying on all the common substrates used in construction after the application of a fixative or primer that uniforms the absorption.



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Maria Santissima Annunziata Cathedral, XVII cent. _ Acireale _ Sicily



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Decorative

Colorado spugnato alla Calce Idraulica

Colorado Spugnato

Colorado Frattazzato

Colorado Coccio Pesto

Colorado Livigni

Romana Specular

Raso Top Bio

Colorado Velvet

Colorado Tinta a Calce

26 | 27 Colorado Spugnato alla Calce Idraulica

Decorative mortar (CR), environmentally friendly and breathable, based on natural hydraulic lime.

Colorado Spugnato alla Calce Idraulica is a mortar based on natural hydraulic lime, selected fine aggregates and additives of vegetable origin, ideal as a final decorative layer in historical renovations. It perfectly replicates the rustic aesthetic of the ancient finishes and can also be used in modern buildings, especially in projects that follow the criteria of green building.

Once dry, it becomes a material that maintains the breathability typical of lime mortars. The natural properties of the binder give the fresh mortar softness and smoothness, for easy processing both in the case of precision finishes and in order to obtain a more rustic and rough effect. **Colorado Spugnato alla Calce Idraulica** complies with the CR class of the **UNI EN 998-1** standard as decorative plaster. Available in two grain sizes of 0.5 and 0.8 mm, **Colorado Spugnato alla Calce Idraulica** can be mass pigmented with inorganic oxides that replicate the ancient rustic colours, starting from the delicately beige base.

✿ **Historically accurate** thanks to the use of raw materials such as hydraulic lime and additives of natural origin.

✿ **Smoothness and softness** allow easy processing ensuring precision while being deliberately rustic.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **Excellent dimensional stability** and slow lime grip prevent cracks and fissures.

When to use it

Colorado Spugnato alla Calce Idraulica is particularly suitable as a fine decorative plaster on other intermediate products of the **Naturalis lines** and in breathable cycles. Ideal wherever the use of a fully environmentally friendly mortar is required or where the pleasantly rustic appearance of hydraulic lime is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** o **Lica Rainproof** prolong its life, leaving the appearance unchanged.



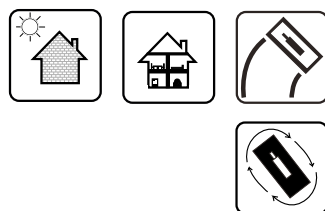
APPEARANCE AND COLOUR



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Palazzo Francia XVIII cent. _ Malta

28 | 29 Colorado Spugnato

Decorative mortar (CR) pigmentable, environmentally friendly and breathable, based on hydrated lime.

Colorado Spugnato is a fine mortar based on hydrated lime selected aggregates and additives of vegetable origin, ideal as a decorative final layer in historical renovations. It perfectly replicates the airy aesthetic of the ancient lime-based finishes and can be used, as well as in modern buildings, especially in projects that follow the criteria of green building. Once dry, it becomes a material that maintains the breathability typical of lime mortars. The natural properties of the binder give the fresh mortar softness and smoothness, for easy processing both in the case of precision finishes and in order to obtain a more airy and rough effect.

Colorado Spugnato complies with the **CR** class of the **UNI EN 998-1** standard as decorative plaster.

Available in two 0.5 and 0.8 mm grain sizes, **Colorado Spugnato** can be mass pigmented with inorganic oxides that replicate the ancient rustic colours.

✿ **Historically accurate** thanks to the use of raw materials such as hydraulic lime and additives of natural origin.

✿ **Smoothness and softness** allow easy processing ensuring precision while being deliberately rustic.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **Excellent dimensional stability** and slow lime grip prevent cracks and fissures.

When to use it

Colorado Spugnato Spugnato is particularly suitable as a fine decorative plaster on other intermediate products of the **Naturalis line** line and in breathable cycles. Ideal wherever the use of a fully environmentally friendly mortar is required or where the pleasantly airy appearance of hydrated lime is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life



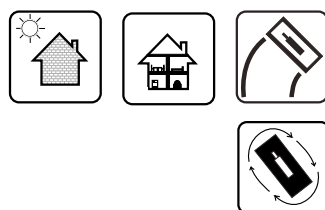
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APPLICATIONS



CAN BE PIGMENTED



30 | 31 Colorado Frattazzato powder

Decorative mortar (CR) pigmentable, environmentally friendly and breathable, based on hydrated lime.

Colorado Frattazzato is a mortar based on hydrated lime, selected aggregates and additives of vegetable origin, ideal as a decorative final layer in historical renovations.

It perfectly replicates the airy aesthetic of the ancient lime-based finishes and can also be used in modern buildings, especially in projects that follow the criteria of green building. Once dry, it becomes a material that maintains the breathability typical of lime mortars. The natural properties of the binder give the fresh mortar softness and smoothness, for easy processing to give a rustic and rustic finish.

Colorado Frattazzato complies with the CR class of the **UNI EN 998-1** standard as decorative mortar. Available in two grain sizes of 1.5 and 2.0 mm, **Colorado Frattazzato** can be mass pigmented with inorganic oxides that replicate the ancient rustic colours.

✿ **Historically accurate** thanks to the use of raw materials such as hydraulic lime and additives of natural origin.

✿ **Smoothness and softness** allow easy processing ensuring precision while being deliberately rustic.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **Excellent dimensional stability** and slow lime grip prevent cracks and fissures.

When to use it

Colorado Frattazzato is particularly suitable as a coarse decorative finish on other products of the **Naturalis line**, in breathable cycles. Ideal wherever the use of a fully environmentally friendly mortar is required or where the pleasantly airy appearance of hydrated lime is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life.



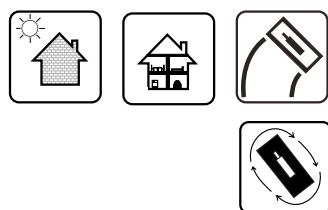
APPEARANCE AND COLOUR



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CAN BE PIGMENTED



32 | 33 Colorado Coccio Pesto

Ecological and waterproof decorative mortar (CR), based on Hydraulic Lime and scales of pure crushed cocchiopesto.

Colorado Coccio Pesto is a mortar based on natural hydraulic lime, flakes of pure crushed cocchiopesto, selected aggregates and additives of vegetable origin, ideal as a final decorative layer in historical renovations. It perfectly replicates the rustic and shady aesthetic of the ancient cocchiopesto finishes and can be used, as well as in modern buildings, especially in projects that follow the criteria of green building.

Once dry, it becomes a waterproof material, reinforced by the pozzolanicity of the cocchiopesto powder.

The natural properties of the binder give the fresh mortar smoothness and compactness, for easy processing that results in the unmistakable rustic and antique finish of the cocchiopesto.

Colorado Coccio Pesto complies with the **CR** class of the **UNI EN 998-1** standard as decorative plaster.

Available in 1.5mm grain size.

✿ **Historically accurate** thanks to the use of raw materials such as hydraulic lime and additives of natural origin.

✿ **Smoothness and softness** allow easy processing ensuring precision while being deliberately rustic.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **The pozzolanic properties of the cocchiopesto** make it a naturally resistant and waterproof material.

When to use it

Colorado Coccio Pesto is particularly suitable as a rustic decorative finish on other products of the **Naturalis line**. Ideal wherever the use of a completely environmentally friendly mortar is required or where the rustic and antique appearance of the cocchiopesto is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life, leaving the aesthetics unchanged.



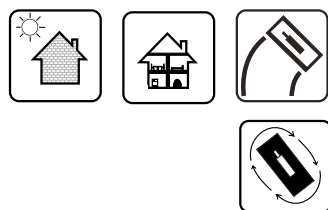
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Torre Verdura Resort_ internal courtyard
Sciacca_Sicily

34 | 35 Colorado Livigni

Multipurpose finishing mortar (CR) pigmentable, environmentally friendly and water-repellent, based on hydrated lime.

Colorado Livigni is a mortar based on hydrated lime and selected aggregates to obtain a coarse finish, and additives of natural origin, ideal as a rustic final layer in historical renovations. It perfectly replicates the rough aesthetic of the old coarse lime-based finishes and can be used, as well as in modern constructions, especially in projects that follow the criteria of green building. Once dry, it becomes a waterproof material, while maintaining the breathability typical of lime-based mortars. The natural properties of the binder give the fresh mortar softness and smoothness, for easy processing that results in a pleasantly rough final finish.

Colorado Livigni complies with the **CR** class of the **UNI EN 998-1** standard as decorative plaster. Available in two grain sizes of 1.5 and 2.0 mm, **Colorado Livigni** can be mass pigmented with inorganic oxides that replicate the ancient rustic colours.

✿ **Historically accurate** thanks to the use of raw materials such as hydrated lime and additives of plant origin.

✿ **Smooth and soft**, it allows easy precision and deliberately rustic processing.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **Excellent dimensional stability** and slow lime grip prevent cracks and fissures.

When to use it

Colorado Livigni is particularly suitable as a coarse decorative finish on other products of the **Naturalis line**, in breathable cycles even in areas exposed to frequent rainfall. Ideal wherever the use of a fully environmentally friendly mortar is required or where the pleasantly airy appearance of hydrated lime is desirable. It can be left exposed, using a transparent protective layer such as **Hidro Rep** or **Lica Rainproof** will prolong its life, leaving the appearance unchanged.



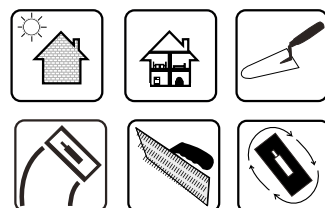
APPEARANCE AND COLOUR



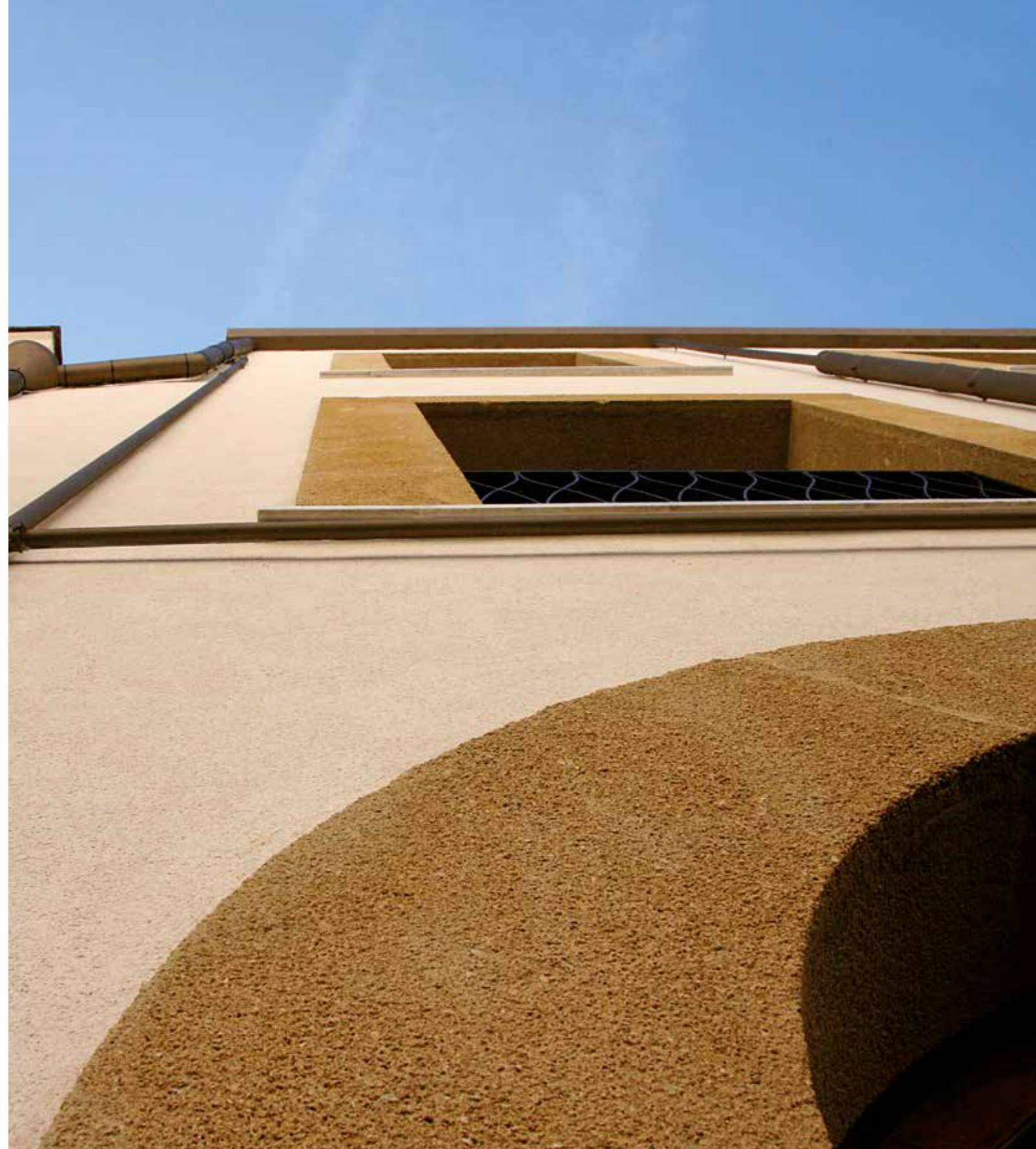
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CAN BE PIGMENTED



36 | 37 Romana Specular

Ultra-fine finish for interiors, environmentally friendly and breathable, based on natural hydraulic lime.

Romana Specular is an ultrafine mortar based on roman hydraulic lime, selected micronised aggregates and additives of natural origin. Ideal as an extra-smooth final layer inside historic buildings, its extreme fineness allows it to be worked until "mirror" surfaces are obtained. Suitable for any type of extremely precise finish, it is also suitable for ultra-flat decorative processes in interior decoration and in the field of green building.

Once dry, it becomes a material that maintains the breathability typical of lime mortars. The natural properties of the binder give the fresh mortar softness and smoothness, for easy processing that is used to easily obtain normal, smooth or extruded surfaces.

✿ **Extra-fine**, thanks to the micronised materials it can be used to create ultra-flat or mirror finishes.

✿ **Smooth and soft**, it allows easy and very high precision processing.

✿ **The high breathability** makes it ideal as a final layer of dehumidifying cycles.

✿ **Excellent dimensional stability** and slow lime setting time prevent cracks and fissures.

When to use it

Romana Specular is ideal for creating extra-light finishes and as a decorative layer on other products of the **Naturalis line**. It gives the best results of flatness on surfaces already worked with fine plaster, but is suitable for the creating of any wall decoration that requires precision and detail. Ideal wherever the use of a fully environmentally friendly mortar is required or where the pleasantly rustic appearance of hydraulic lime is desirable. It is however suitable for most substrates used in construction after the laying of fixatives or primers that guarantee uniform absorption. A transparent protective layer such as **Hidro Rep** or **Lica Rainproof**, can be used that will prolong its life, leaving the aesthetic unaltered.



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38 | 39 RasoTop Bio

Fibro-reinforced and breathable natural hydraulic lime-based plaster/adhesive (GP), ideal for environmentally friendly ETICS systems.

Raso Top Bio is an environmentally friendly mortar based on natural hydraulic lime, selected aggregates and additives of natural origin, ideal both for skimming historic buildings and as a plaster/adhesive in environmentally friendly thermal insulation systems. Suitable for any type of masonry, it is ideal for skimming and gluing breathable panels for the creation of thermal insulation systems that let the walls breathe. Once dry, it becomes a material that is highly permeable to steam but resistant to capillary ascent and the entry of liquid water. The innovative formulation gives the fresh mortar an extreme smoothness for quick and easy processing. The glass fibres guarantee durability and resistance to cracking without compromising the aesthetics and ensuring ease of installation.

Raso Top Bio complies with the **GP** class of the **UNI EN 998-1** standard as a mortar for general purposes.

✿ **The high adhesion capacity** makes it a product suitable for both plastering and gluing insulating panels.

✿ **Environmentally friendly** thanks to the use of materials such as NHL hydraulic lime, additives and inerts of natural origin.

✿ **Smooth and soft**, it allows easy and quick processing, limiting the wasting of time and material.

✿ **Breathability and water repellency** make it perfect for creating breathable insulation systems.

When to use it

Raso Top Bio is ideal as a plaster and adhesive in any installation of insulation systems, especially in the case of historic buildings or constructions that follow the criteria of eco-friendly construction. It is particularly suitable for high breathability cycles, coupled with rock wool panels, cork, etc. It is suitable for all the most common substrates treated with fixatives or primers that uniform the absorption. It can be left exposed but a protective layer will prolong its life, leaving the aesthetics unchanged.



APPEARANCE AND COLOUR



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WITHIN ETICS SYSTEMS



Maria Santissima Annunziata Cathedral, XVII cent.
Acireale _ Sicily

40 | 41 Colorado Velvet

A paste coating based on hydrated lime, pigmentable, ideal as a decorative layer in restoration work.

Colorado Velvet is a pigmentable decorative coating based on long curing aerial lime, selected aggregates, organic binders, latest generation additives. The typical properties of hydrated lime give the product a high resistance to attack by microorganisms, as well as distinguishing **Colorado Velvet** for its high durability and vapour permeability, making it ideal as a complement to systems where greater breathability of the substrate is required.

It is mainly used in interior finishes, but is also suitable for outdoor use, giving surfaces a natural appearance typical of lime-based plasters.

✿ **Excellent breathability** suitable for the renovation cycles of walls subject to capillary ascent.

✿ **Protection against mould and algae** and an antibacterial product thanks to the natural properties of hydrated lime.

✿ **Ideal for historical recovery in conservative renovation interventions**

✿ **Fully compatible with the needs of modern green building**

✿ **Easy workability** smoothness and ease of processing, reducing times and waste.

✿ **Pigmentable** available in the colours of the swatch **licatacolore 2.0 Colorado** line.

When to use it

Colorado Velvet is applied on most of the substrates used in construction, particularly suitable in the cycles of redevelopment, conservative recovery and eco-sustainable construction, thanks to the antibacterial and breathable properties.



ASPETTO APPEARANCE AND



APPLICATIONS



CAN BE PIGMENTED



Carmine Convent _ entrance
Marsala_Sicily

42 | 43 Colorado Tinta a Calce

Eco-friendly paint based on lime grassello, pigmentable, breathable, mould-resistant.

Colorado Tinta a Calce is a wall paint for interiors and exteriors, based on seasoned and micronised hydrated lime.

Its natural composition, characterised, among other aspects, by breathability and resistance to the attack of bacteria and moulds, make this product the ideal solution for redevelopment cycles and environmentally-friendly construction, maintaining high standards of quality and indoor health.

✿ **Very high water vapour breathability**

✿ **Indoor protection, quality and health:** naturally breathable and with antibacterial properties.

✿ **Ideal for historical recovery in conservative renovation interventions**

✿ **Fully compatible with the needs of modern green building**

✿ **High aesthetic value** and easy to install, available in the colours of the swatch **licatacolore 2.0 Colorado line**.

**When
to use it**

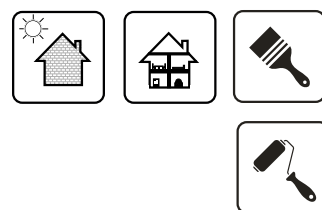
Colorado Tinta a Calce is applied on most of the substrates used in construction, particularly suitable in the cycles of redevelopment, conservative recovery and eco-sustainable construction, thanks to the antibacterial and breathable properties. Easy to install, it guarantees finishes typical of lime-based colours.



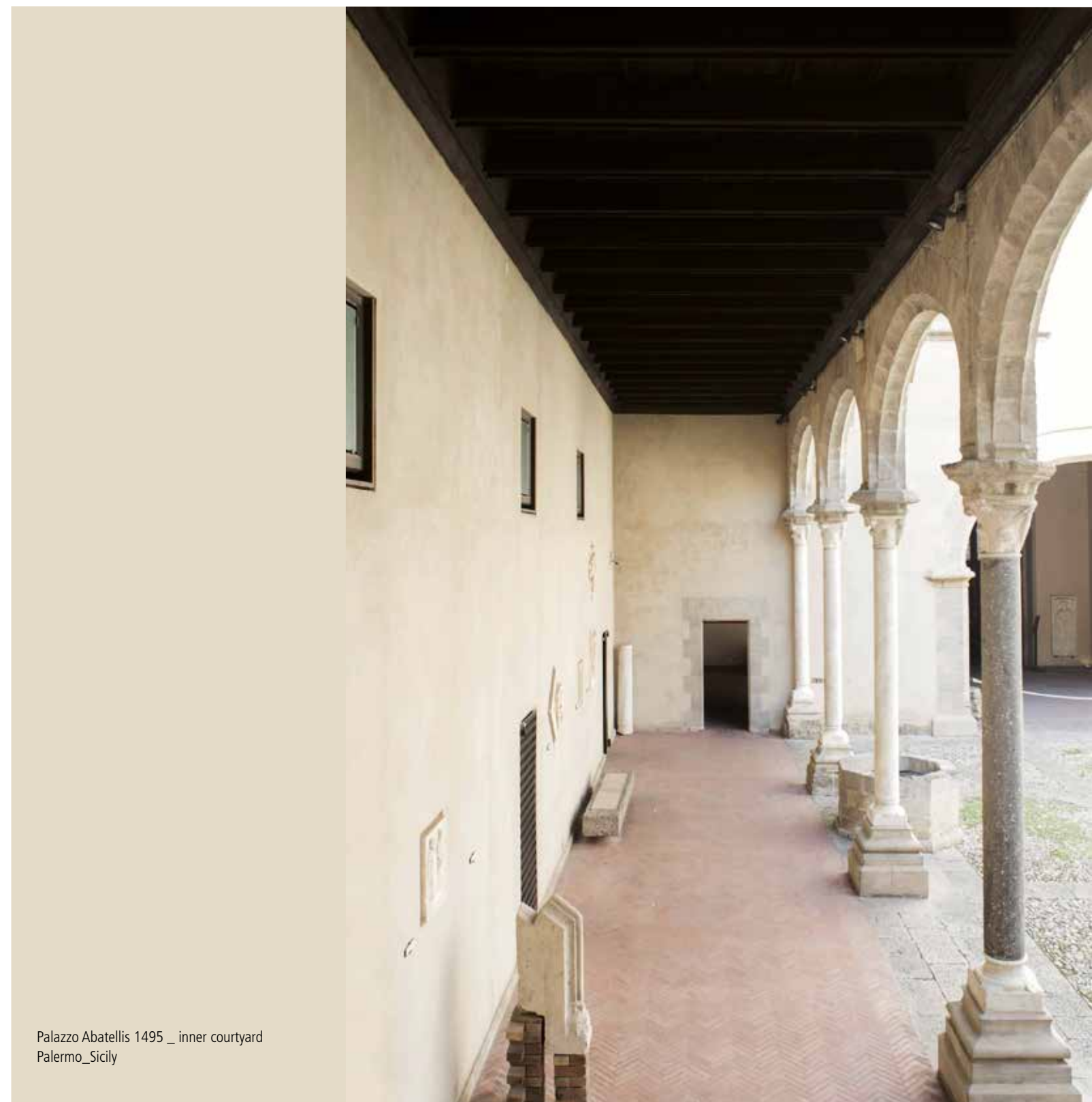
APPEARANCE AND COLOUR



APPLICATIONS



CAN BE PIGMENTED



Palazzo Abatellis 1495 _ inner courtyard
Palermo_Sicily



Products for dehumidification

Neutral Antisale
Licata Injecto Gel

46 | 47 Neutral Antisale

Anti-salt impregnating agent, specific for the restoration of walls subject to capillary ascent humidity.

Neutral Antisale is a impregnating agent based on silane monomer diluted in water, specific for the preventive treatment of walls affected by capillary ascent and in dehumidification cycles. It must be applied directly as a preliminary treatment before the laying of **Storica Deumidificante** or other restoration mortars.

✿ **With high penetration:** it regulates the passage of the salts of the masonry without altering the vapour permeability.

✿ **Ideal for historical recovery in conservative restoration interventions**

✿ **With high salt resistance:** specially designed to withstand attacks from sulphate, chloride and nitrate salts.

✿ **Practicality:** it is used to avoid the subsequent application of renders, making the installation of dehumidifying systems fast and efficient.

When to use it

Neutral Antisale is a impregnating agent to be used as a preliminary phase in the restoration of walls subject to capillary ascent humidity and in dehumidification cycles. Recommended in particular as a preparation treatment for dehumidifying cycles.



APPEARANCE AND COLOUR



APPLICATIONS



48 | 49 Licata Injecto Gel

Chemical barrier in injectable gel based on silane monomer for the deep hydrophobising treatment of walls subject to capillary ascent, even abundant.

Licata Injecto Gel is a latest-generation waterproofing compound, ready to use, specifically formulated for the creation of chemical barriers against rising humidity in walls. Easy to use, it is applied by filling small holes made at the base of the wall, spreading into it and forming a water-repellent barrier that will allow the wall to dry and block the rising damp.

✿ **The consistency and chemical properties of the formulation allow the product to be evenly distributed in the porous substrates**

✿ **No gel dispersion through boundary walls, cavities or shaft**

✿ **Easy installation:** using a cartridge gun.

✿ **Licata Injecto Gel** gives the masonry excellent waterproofing, while maintaining breathability with water vapour.



APPEARANCE AND COLOUR



When to use it

Licata Injecto Gel is applicable on the most common masonry, in situations where there is noticeable rising damp. It is applied by injection in holes of varying depth depending on the type of masonry, without compromising its structural integrity.

APPLICATIONS





Cortical primers and hydrophobisers

Sil Primer

Consolidante Sea

Hidro Rep

Lica Rainproof

52 | 53 Sil Primer

Fixative primer based on potassium silicate in aqueous dispersion, with high consolidating power and excellent as a bonding bridge for subsequent decorations.

Transparent primer based on potassium silicates in aqueous dispersion, for indoor and outdoor use, ideal as a fixative before each decoration cycle with silica-based coatings or micro coatings. Its formulation is designed to obtain a high penetrating power both for regularisation of the absorption of the substrates and in cases where it is necessary to create an adequate bonding bridge on smooth surfaces.

Sil Primer adheres to the substrate through the chemical process called silication while improving resistance to attacks by fungi, moulds and bacteria thanks to the naturally high pH.

✿ **Extremely breathable thanks to the natural properties of silicates.**

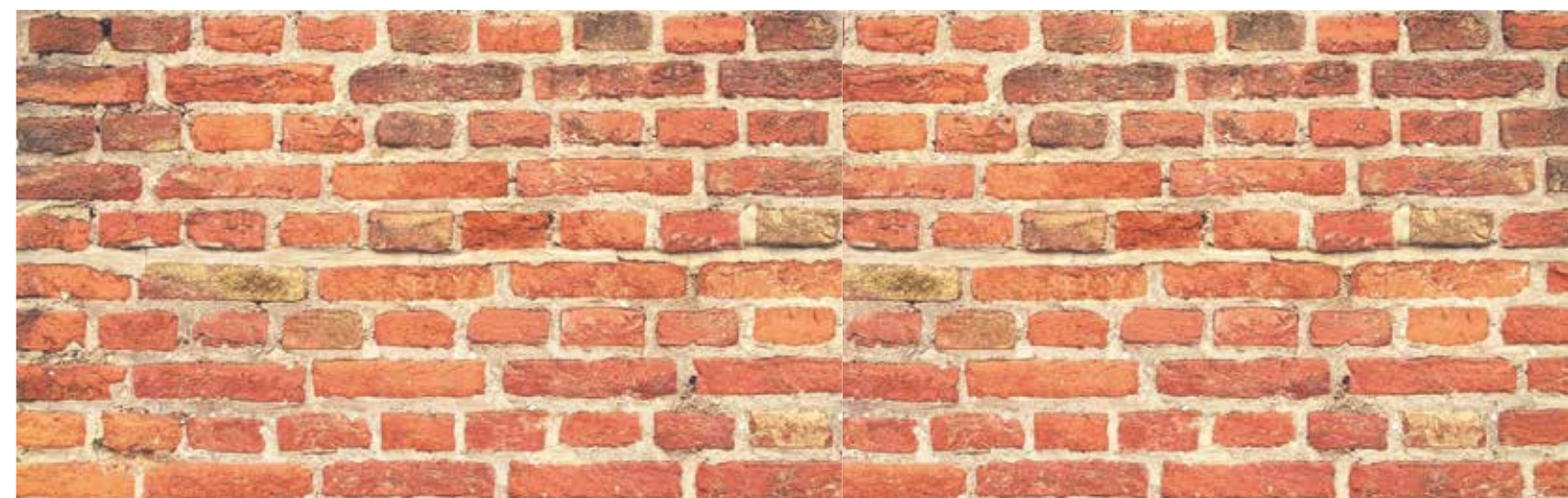
✿ **Excellent adhesion power thanks to the anchoring power of the silication process.**

✿ **Also suitable for indoor processing thanks to the absence of volatile organic compounds.**

✿ **Excellent penetrating power:** limits absorption even on new surfaces.



APPEARANCE AND COLOUR



When to use it

Sil Primer is a fixative that is suitable in situations in which to regularise the absorption of a substrate or to create an adequate bonding bridge for subsequent decoration operations, ensuring a uniform covering and enhancing the aesthetics of the finish.

APPLICATIONS



54 | 55 Consolidante Sea

Mono-component consolidating agent based on ethyl silicates for the conservative restoration and consolidation of porous stone materials.

Consolidante Sea is a ready-to-use mono-component product, based on ethyl esters, suitable for the consolidation of natural or reconstructed stones.

The use of particular solvents promotes optimal absorption through the capillaries of the substrate, until the healthy core of the substrate is reached. The ethyl esters, reacting with the atmospheric humidity and the silicon contained in the stone, are transformed into amorphous silica, an insoluble binder, waterproof and resistant to atmospheric agents, restoring and consolidating the integrity of the material.

✿ **Water vapour permeability:** waterproofs deeply, leaving the breathability unchanged.

✿ **Excellent consolidating power:** ideal for the consolidation of weak or flaking substrates.

✿ **Protection of treated substrates from attacks by microorganisms, pollutants and atmospheric agents.**

✿ **Invisible coating:** does not alter the aesthetics and is perfectly stable to UV rays.



APPEARANCE AND COLOUR



Maria Santissima Annunziata Cathedral, XVII cent.
Acireale _ Sicily

When to use it

Consolidante Sea is suitable for the consolidating treatment of weak or crumbly substrates, consisting of silica matrix materials (see data sheet for complete list), especially on substrates of historical interest and under protection, in order to restore their consistency and protect them from atmospheric agents without altering their characteristics.

APPLICATIONS



56 | 57 Hidro Rep

Silicone hydrophobiser with low environmental impact and in aqueous dispersion

Hidro Rep is a low environmental impact hydrophobiser in aqueous solution, ready to use, for the hydrophobisation of low alkaline absorbent building materials (e.g. gypsum, bricks, raw ceramic materials, etc.). Unlike traditional film protectors, **Hidro Rep** penetrates deep into the substrates, by capillary impregnation, protecting them from saline efflorescences and driving water.

✿ **Excellent breathability:** it does not alter the characteristics of the substrate while making it water-repellent.

✿ **Protection of treated substrates from attacks by microorganisms, pollutants and atmospheric agents.**

✿ **Invisible coating:** it does not alter the aesthetics and is perfectly stable to UV rays.



APPEARANCE AND COLOUR



When to use it

Hidro Rep is suitable for the hydrophobisation of low alkaline absorbent building materials without changing their external appearance, especially in interventions on buildings of historical interest.

APPLICATIONS



Palazzo Libertini di San Marco, XVII cent.
Caltagirone _ Sicily

58 | 59 Lica Rainproof

Water repellent and silicone-based water dispersion, ready to use, high penetration

Lica Rainproof is a colourless ready to use liquid, based on silicone compounds dispersed in water, with the ability to impregnate all absorbent materials used in construction.

It reacts with the moisture naturally present inside the treated substrates, forming a water-repellent layer inside the pores and capillaries, in addition to being an effective protection against aggressive agents transported inside the artifacts by rainwater.

Once applied, no film is applied, thus leaving the permeability to water vapour of the products unchanged.

✿ **Excellent breathability:** it does not alter the characteristics of the substrate while making it water-repellent.

✿ **Protection of treated substrates from attacks by microorganisms, pollutants and atmospheric agents.**

✿ **Resistant to acids, alkalis and UV rays.**

✿ **Easy to apply:** ready to use, it does not create surface films and does not conspicuously alter the appearance of the treated surface.



APPEARANCE AND COLOUR



**Quando
impiegarlo**

Lica Rainproof is a water-repellent primer that can be used on all vertical absorbent surfaces used in construction.

APPLICATIONS





Examples of application cycles

CALCE ANTICA ROMANA A VISTA

Base Cycle

- 1 Masonry (e.g. classic terracotta brick)
- 2 Base Plaster
Romana Intonaco
Environmentally friendly plaster for sanitation
- 3 Finishing Plaster
Colorado Spugnato
Eco-friendly pigmentable decorative plaster based on hydrated lime
Colorado Frattazzato
(pigm. In massa)
Colorado Coccio Pesto
Decorative waterproofing plaster with scales of pure pesto cocchiopesto
Colorado Livigni
Multipurpose finish plaster, pigmentable and water-repellent
Colorado velvet
Pigmentable hydrated lime-based paste coating
- 4 Water repellent protection
Hidro Rep
Silicone hydrophobiser

TRASPIRANTE A SPESSORE

Base Cycle with thickness coating

- 1 Masonry (e.g. classic terracotta brick)
- 2 Base Plaster
Romana Intonaco
Environmentally friendly plaster for sanitation
- 3 Skim Plaster
RasoTop Bio
Fibre-reinforced adhesive skim plaster based on hydraulic lime
Colorado spugnato
Eco-friendly pigmentable decorative plaster based on hydrated lime
- 4 Preparation for coating
Primer Ocram
Pigmentable primer based on potassium silicates

In alternative
Siloxan Lg
Pigmentable primer based on siloxane resins
- 5 Finish with thickness coating
Licatasil
Coating in potassium silicate paste

In alternative
Siloxan Color
Paste coating based on siloxane resins

Besten Putz Silossanico
Paste coating based on siloxane resins with a compact appearance

CALCE ANTICA SPECULARE

Speculare Cycle for interiors

- 1 Masonry (e.g. classic terracotta brick)
- 2 Base Plaster
Romana Intonaco
Environmentally friendly plaster for renovation
- 3 Rasante
Colorado spugnato (0,5 mm)
Eco-friendly pigmentable decorative plaster based on hydrated lime
- 4 Speculare Finish
Romana Specular
Ultra-fine finish for interiors, environmentally friendly
- 5 Preparation for painting
Sil Primer
Fixative primer based on potassium silicate
- 6 Coloured finish
Idrosil Interior
Potassium silicate paint

CALCE ANTICA MICRORIVESTITA

Cycle with micro-coatings

- 1 Masonry (e.g. classic terracotta brick)
- 2 Base Plaster
Romana Intonaco
Environmentally friendly plaster for renovation
- 3 Skim Plaster
Colorado Spugnato
Eco-friendly pigmentable decorative plaster based on hydrated lime
- 4 Preparation for coating
Sil Primer
Fixative primer based on potassium silicate
- 5 Micro-coating finish
Idrosil exterior
Potassium silicate micro-coating

Alternatively

Colorado Tinta a Calce

Eco-friendly pigmentable paint based on lime grassello
(applicable without primer coating)

CALCE ANTICA DEUMIDIFICANTE

Thickness coating dehumidifying cycle

- 1 Masonry (e.g. classic terracotta brick)
- 2 Primer with anti-salt filter action or chemical barrier
 - Neutral Antisale**
Anti-salt primer, specific for renovation
 - Licata injecto Gel**
Chemical barrier in gel for hydrophobising treatment
- 3 Base Plaster
 - Storica deumidificante**
Waterproof, fibre-reinforced and breathable renovation plaster
- 4 Skim Plaster
 - RasoTop Bio**
Fibre-reinforced adhesive skim plaster based on hydraulic lime
 - Colorado spugnato**
Eco-friendly pigmentable decorative plaster based on hydrated lime
- 5 Preparation for coating
 - Siloxan Lg**
Pigmentable primer based on siloxane resins
- 6 Thickness coating finish
 - Siloxan Color**
Paste coating based on siloxane resins
 - Besten Putz Siolssanico**
Paste coating based on siloxane resins with a compact appearance



CALCE ANTICA STYLING

① Exposed stone with wide grouts (degraded)

② Consolidation

Sil Primer

Fixative primer based on potassium silicate

③ Styling

Stil Romana Faccia a vista

Mortar for bedding and renovation based on roman lime

④ Primer

Hidro Rep

Silicone hydrophobiser



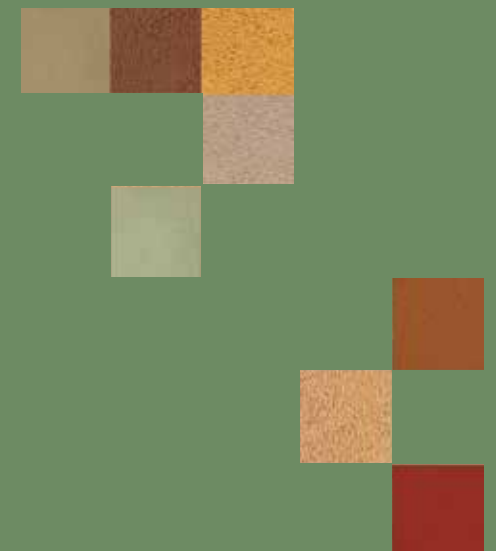
Eco-friendly line for green
building and renovation

Eco-friendly line for green
building and renovation



74 | 75

COLOURS
Colorado
collection





76 | 77 COLOURS *Colorado* COLLECTION

The colour references are to be considered purely indicative as they are made by printing with products other than the actual ones.

To evaluate the actual shade of the chosen product it is necessary to request a sample. Always check the material before application, to make sure that the colour tone corresponds to that required.

Any claims about the colour shade will not be accepted after application.



1/10 Colorado

90%



1/11 Colorado

78%



1/12 Colorado

76%



1/16 Colorado

57%



1/21 Colorado

71%



1/33 Colorado

58%



1/41 Colorado

62%



1/72 Colorado

47%



1/74 Colorado

51%



1/70 Colorado

78%



1/71 Colorado

72%



Eco-friendly line for green
building and renovation

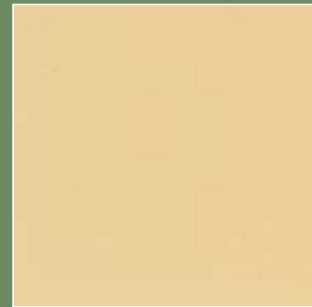
Eco-friendly line for green
building and renovation



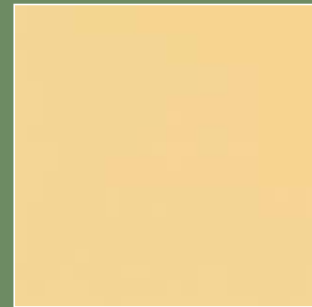
2/13 Colorado 70%



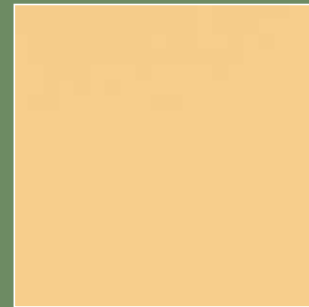
2/14 Colorado 70%



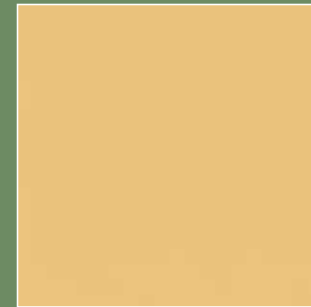
2/16 Colorado 58%



2/19 Colorado 59%



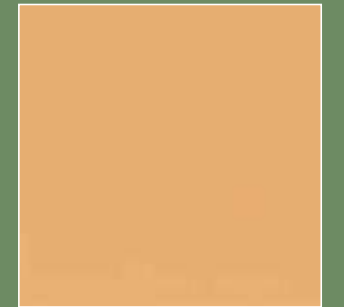
3/15 Colorado 60%



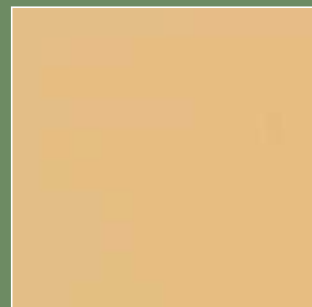
3/17 Colorado 52%



3/18 Colorado 55%



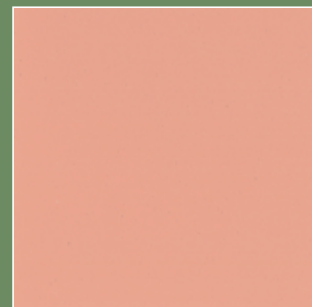
3/19 Colorado 42%



2/20 Colorado 52%



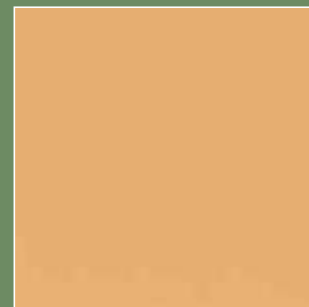
2/25 Colorado 51%



2/36 Colorado 46%



2/44 Colorado 50%



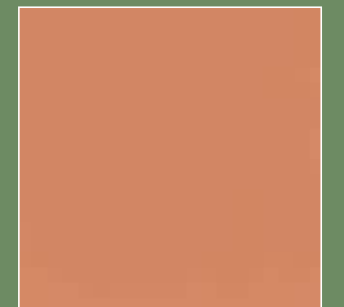
3/19 Colorado 42%



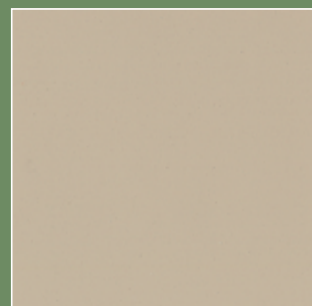
3/20 Colorado 51%



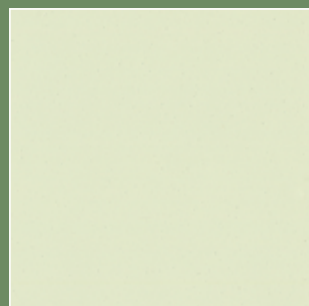
3/22 Colorado 39%



3/29 Colorado 31%



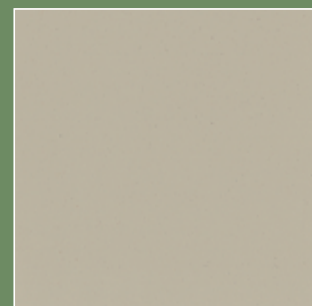
2/54 Colorado 46%



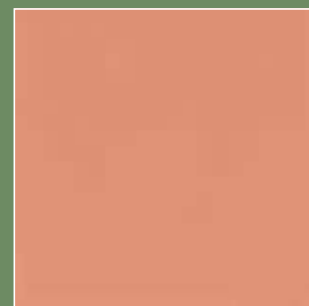
2/65 Colorado 59%



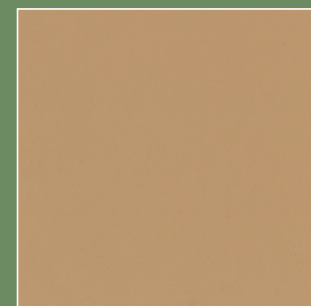
2/74 Colorado 32%



2/75 Colorado 47%



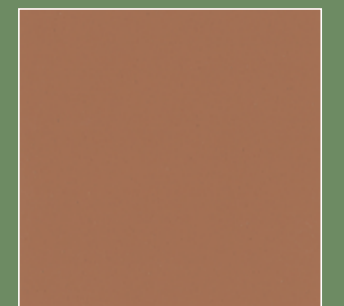
3/40 Colorado 37%



3/45 Colorado 37%



3/46 Colorado 44%



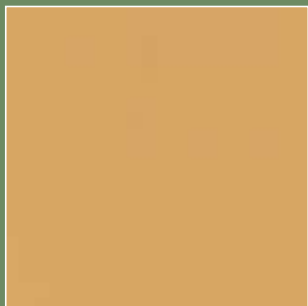
3/62 Colorado 22%



3/73 Colorado 27%

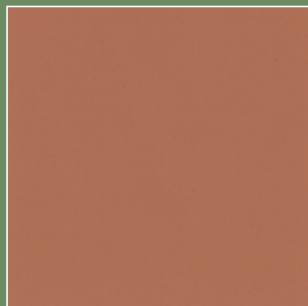


Eco-friendly line for green building and renovation



4/18 Colorado

■ 41%



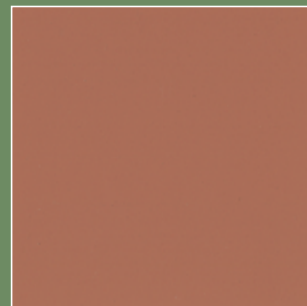
4/54 Colorado

■ 21%



4/64 Colorado

■ 29%



4/70 Colorado

■ 18%