

## **Cornish Lime** Capability, Products & Services

# Past. Say Hello To The Future...

## The Trusted Lime Experts

With a 25-year pedigree, Cornish Lime are the trusted lime experts and one of the largest manufacturers/suppliers of traditional lime products in the country.

We provide the complete solution for all your building restoration and conservation needs: Competitive, quality products and services nationwide, supplying all aspects of the market from homeowners and tradesmen, architects and surveyors, to builder's merchants and other lime companies.

Evolving from a trade background in the care and repair of old buildings Cornish Lime has always had a sound practical base, but 25 years on our dedicated inhouse staff include its founder a builder, a building surveyor and a materials chemist. Combining with the rest of the team we are able to offer our customers a broad depth of experience and expertise in the appropriate care and repair of our built heritage. We are happy to share this expertise with our customers to assist you in selecting the most appropriate materials for your project, regardless of size or budget with advice or consultancy.

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## **Constant Evolution**

Cornish Lime was set up over 25 years ago within a building company where we worked with these materials and over time got to fully appreciate their advantages along with an understanding of their application and techniques. Learning as we went was sometimes painful as well as expensive, and as Cornish Lime evolved we acquired the sound pragmatic base that is at our core today. The building company was sold off some 15 years ago, and we are still evolving and learning all the time to improve our understanding of these materials and happy to share this knowledge with our customers.

Whilst the use of lime for the care and repair of old buildings is the norm nowadays, it was not always the case, this change has come around over the last 20 years especially, as more of us have rightfully acknowledged the use of lime and that old buildings need to breathe. We are not in the business of rubbishing cement but advise that all too often it is totally inappropriate in these buildings.

Cornish Lime is very much a work in progress and constantly developing our offering to our customers along with improvements to our production and warehousing facilities. All our production is carried out in accordance with the quality control measures of an ISO9001:2015 procedure. Our lime putty is amongst the best in the UK at extremely competitive prices and our new plant has supplied nearly 100 Tonnes of specialist products sent for export in the last 3 months. All of our manufacturing is carried out in-house from our own 4-acre site where we take full responsibility for everything we produce or supply. We are strategically located close to the A30 with excellent transport links to the rest of the south west the UK and beyond.





With specialist skills and knowledge in the use of lime and the care and repair of our built heritage, Cornish Lime believes we have a duty of care to share that knowledge and experience with our customers, whether they be trade, professionals or members of the public.

We offer a range of courses that are structured to suit particular mixed audiences regardless of experience, with theory and practical sessions providing delegates with the confidence to go on and use the materials on their own projects. We bespoke CPDs to a range of professional practices at your place of work or in house in our training facility. Courses include our practical Lime Rendering & Plastering Day, our Introduction to Lime course which covers the why, where, which, when and how to topics, a half day Lime Pointing course and a Decorative Moulding & Top Coat masterclass held by renowned Master Plasterer Jeff Orton.

Our wide range of CPD sessions for building professionals are available either in our own classroom or with adequate numbers we can travel to your premises. It is our full intention in time to build our offering and provide more training and seminars from leading experts in the conservation field.

## **Our Services**

With Cornish Lime's extensive expertise in the manufacture and application of construction materials suitable for use on older properties, we can offer our services on a consultancy basis for any project.

Our sales team are knowledgeable and they can call on expert back office technical support for all of the products we manufacture and supply. We have our own in house team of professionals, which includes an experienced contractor, a qualified material chemist, building surveyor all kept under control of our general manager whose vocation happens to be an engineer.

The type of material you use, as well as the way in which you apply it, is absolutely essential to the success of your renovation or restoration project. Cornish Lime can offer you expert advice and assistance as well and support and technical back-up from the start of your project through to completion.

Services include:

- Technical support
- Site visits, consultation and reports
- Mortar analysis
- Mortar matching
- Custom products and solutions



## Lime Products

As our trading name states we are a lime company and take great pride in the high quality lime products we supply along with a wide range of associated materials.

While we won't claim that lime solves all issues when it comes to restoring and conserving older buildings, we passionately believe that it is indisputably the best material we have at our disposal to manage the phenomenon of moisture in solid wall construction, and for the appropriate care and repair of our built heritage.

Lime's greatest attribute is that it allows buildings to breathe, allowing moisture to escape through diffusion by means of the evaporation from within walls via the mortar, greatly reducing the potential for damp and decay issues.

Lime has been used to build and embellish buildings for as long as man has been creating such structures, and these traditional building materials are vital in the continuing preservation of our built heritage, whether a cottage or a castle.

An environmentally sound binder, lime enhances the visual aspect of mortars and renders with wonderful soft looking textures, it weathers more gracefully and can add striking colour and beauty to buildings.



## Lime Putty



Lime putty is a soft, flexible and fatty binder, which when mixed with selected sands creates a lime mortar, render or plaster.

Cornish Lime have been manufacturing lime putty since 1993 and we take great pride in the quality of our putty. As the largest manufacturer in the UK, our lime putty has been used extensively throughout the country on everything from traditional cottages through to Buckingham Palace.

Our lime putty is made using high calcium quicklime from Buxton Derbyshire in the traditional method of storing in pits after slaking (added to water).

It is important when ordering lime based materials to know the density of the lime putty. Putty with a lower density will have a higher water content with less available lime, Therefore, additional lime will need to be added into the mortar.

Our putty is matured for an absolute minimum of four months which results in a high density of  $1350 \text{kg/m}^3$ , with a low water content.

### Advantages

- Very easy to use, resulting in workable mortars, renders and plasters.
- Highly vapour open, producing a breathable mortar.
- Cornish Lime quality guaranteed; 4 months mature and high density.
- Accredited for design, manufacture and supply under ISO 9001:2015.

### Limitations

- Can be more demanding in terms of its aftercare.
- Will not work in damp or wet environments. No chemical set, carbonation only.
- Limited use during the colder months, especially for external application.



### Mature Lime Putty

High calcium lime putty, matured for a guaranteed minimum period of four months with an approximate bulk density (RBD) of 1350kg/m<sup>3</sup>, ensuring a low water content. Available in 25kg tubs or 1 tonne bags.



### Extra Mature Lime Putty

Matured for over eighteen months, our extra mature lime putty has all the benefits of our mature lime putty with extra water retention and higher plasticity. Available in 25kg tubs.

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## Lime Putty Mortars



Supplied ready to use, our lime putty mortars are suitable for all manner of wet trade building works including lime rendering, plastering and lime pointing.

Our lime mortars are all made using our 4-month matured lime putty with carefully selected high performance sands from our extensive in-house range. Cornish Lime's substantial range of mortars can closely match applications from anywhere in the UK. We can also blend with any custom sand to match your project's exact requirements.

Due to their broad appeal and natural finish, our best sellers are available ex-stock in both 25kg and 1 tonne bags, while other mortars are made to order. Our three most popular lime putty mortars below offer a range of finishes for most applications.

### Advantages

- Supplied ready for use, mitigating on site mix variance.
- Very easy to use, resulting in workable mortars, renders and plasters.
- Highly vapour open, producing a breathable mortar.
- Cornish Lime quality guaranteed; 4 months mature lime putty.
- Accredited for design, manufacture and supply under ISO 9001:2015.

### Limitations

- Can be more demanding in terms of its aftercare.
- Will not work in damp or wet environments. No chemical set, carbonation only.
- Limited use during the colder months, especially for external application.



### CLM28 Coarse Stuff

An excellent all-round coarse mortar giving a buff beige finish. Made using a clean <4 mm sharp sand suitable for pointing or rendering. Available with the addition of fibres for application onto wooden lath.



### CLM35 Fine Stuff

An excellent all-round medium/fine putty mortar giving a creamy yellow finish. Made using a clean <2 mm washed plastering sand suitable for fine pointing or top coat render.



### CLM66 Setting Stuff (Fine Plaster)

Cornish Lime's premium top coat plaster, white to pale yellow finish. Made using a clean <1 mm high purity superfine silica sand and added natural work aids for internal top coat plaster.

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## Quicklime & Hotlime



Quicklime is limestone that has been fired in a kiln during which time the carbon dioxide and water present is liberated, chemically altering it from calcium carbonate to calcium oxide, a very unstable material that is desperate to reacquire its lost properties, and when added to water initiates an exothermic reaction getting very hot, very quickly.

Quicklime is the base component for both lime putty and hot mixed mortars. When slaked with water it is stored for a prolonged period of time to produce lime putty, and when combined with water and sand creates the mortar referred to as hot mixed mortar.

A hot mixed mortar can offer a very workable "plastic" material due to its high lime content, it is very sticky and this can help stop the mortar from being washed out. It offers good water retention during the mix and can be a cost-effective mortar. Hot mixed mortars (under lab testing) offer an extremely high vapour permeability, especially when compared to some NHL mortars, which can be beneficial to historic fabric, conversely in areas of high exposure this can allow the penetration of too much water.

There are health and safety risks when working with quicklime, it is chemically unstable and produces a violent reaction that poses risks when working on site. For this reason, we produce a range of ready mixed hot lime mortars where some of these risks have been mitigated.

Cornish Lime have undertaken significant research and development into the suitability of hot lime mortars. For further information, advice and consultancy on the suitability and use of hot mixed mortars please contact our technical team who will be able to offer unrivalled guidance and advice for specifying and using hot mixed mortars.



### Kibbled Quicklime

High calcium 5-15mm pebbled quicklime. Sourced from Derbyshire. Available in 20kg tubs and 1 tonne bags.



### Powdered Quicklime

High calcium fine powder quicklime. Sourced from Derbyshire. Available in 25kg bags.



### Ready Mixed Hot Lime Mortars

Premixed hot lime mortar developed to mitigating the potential health and safety risks that hot mix mortars pose when mixed onsite. Mix ratio 1:3, available in all of our stock sands. Supplied cool in 1 tonne bags.

## St. Astier NHL's



Natural Hydraulic Limes (NHL) are made from limestone containing impurities which enable a hydraulic set. They are supplied as dry powders, when mixed with sand and the addition of water they set through a chemical reaction known as hydration. This chemical set allows for NHL mortars to be used in damp and more exposed conditions and produce an earlier resistance to frost than lime putty.

Cornish Lime is a long-standing distributor for the St. Astier range of pure natural hydraulic limes and associated products.

St. Astier is Europe's most respected and technologically advanced producer of natural hydraulic limes and the market leader in the UK, having been in continuous production since 1851. They are renowned for their quality, performance and unparalleled technical support.

Lime Type	Host Surface	Exposure	Time of Year	Examples
Non Hydraulic Lime Putty	Very soft and friable backgrounds	Sheltered & internal	April to September	Cob (earth) soft friable brick or stone. Well suited
NHL 2 low strength	Soft and friable backgrounds	Sheltered	All year with adequate protection	to other masonry types throughout the year
NHL 3.5 medium strength	Reasonably sound to very hard backgrounds	Sheltered to moderate		Most masonry types
NHL 5 high strength	Very durable / hard backgrounds	Exposed		Dense / hard masonry



### St. Astier NHL 2

Low strength, high vapour permeability, suited for sheltered and internal work. Ideal for soft masonry such as cob and brick but can also be used on most masonry types.



### St. Astier NHL 3.5

Medium strength, with a good vapour permeability, suited for sheltered to moderate exposure and internal work. Suitable for most masonry types of reasonable quality.



### St. Astier NHL 5

High strength, with a reasonable vapour permeability, suited for exposed conditions and very durable hard masonry as well as marine applications.

## **Cornerstone Mortars**



Cornerstone is a range of quality produced dry, ready mixed natural hydraulic lime based mortars and renders representing a significant change in convention. All aspects of production is carried in-house, using carefully selected quality sands, dried from stock. These are blended with St. Astier NHLs and requisite additions to improve workability and aid curing along with other benefits depending on end use.

The Cornerstone range represents a whole new approach to NHL mortars our entire product range is manufactured at our purpose-built factory on site here in Cornwall. Cornerstone products are manufactured under a quality controlled production system under ISO9001:2015 accredited for design, manufacture and supply, and are CE compliant.

Having full control over the production enables Cornerstone mortars to be developed and produced for all manner of applications and allows us to service practically any order size. Compared to site mixed mortars and renders, Cornerstone guarantees consistency of mix ratio, improved performance and workability of mortar, offering the feel of a modern material whilst retaining all of the virtues of a pure natural hydraulic lime.



### Drymix

Multipurpose lime mortars for pointing, rendering and general building work. Controlled additions improve the workability and performance of the mortar.



### Promix

Professional grade lime mortars for pointing and rendering with a premium finish. Carefully selected additives significantly improve workability, cure and working time. Ideal for high suction backgrounds.



### Newbuild

Flexible, low carbon lime based mortars for modern construction. The Newbuild range offers all of the benefits of lime, whilst retaining the strength associated with cement based mortars.



### Performance

Designed and engineered for specific applications, solutions and properties. Including Marine Mortar, Scantle Mix, Woodlath Render, Heritage Grouts and Tanking Render.

## Lime Sand Mortars



Mortar selection is all too often overlooked and given its relatively low cost is probably one of the more significant aesthetic impacts you can make to a building. These contemporary mortars are easier to work with than typical site mixed cement mortars. Using the most appropriate sand as a base to achieve the desired colour, our lime sand mortars are made using best quality Buxton hydrated lime and selected pigments. Available in small or large quantities it's supplied in either 25 Kg bags or bulk in convenient one tonne (IBC) bags.

Our lime sand is available pigmented or natural in colour and supplied ready for further onsite mixing with either white or ordinary Portland cement (and water) to create a coloured mortar. Available from our extensive range of stock sands and manufactured under a quality controlled production process (ISO 9001:2015) to ensure consistency with every mix, they are also compliant to BS EN 998-2 with all aspects of production and ongoing quality assessment carried out in-house.

Our 12 stock colours below are finished with grey cement. We can also create custom mortars to meet specific project and performance requirements.



## Prompt Natural Cement



Prompt is a natural cement, made from Marl, a geologically unique raw material found in the French Alps that is fired and ground in exactly the same manner as the various limes we supply, creating a natural cement. With only coal used for fuel, nothing is added or removed during the manufacturing process.

Natural cement cannot be classified as a lime and does not fit into any classification of modern cements. Within the scale of NHL binders there is no designation, but if there were Prompt would be somewhere in the order of an NHL12.

While Prompt has multiple potential uses it is predominantly used for applications where water is a constant. With modern cement high strength is possible, but not without brittleness. A rapid set can be achieved to overcome water ingress, but not without a cocktail of admixtures that are not fully understood and may have health and safety implications. Prompt offers the perfect natural solution.

Prompt is a very simple material which boasts some impressive credentials, ideally suited for marine applications, rapid-set masonry and as a replacement for roman cement. It can also be gauged with natural hydraulic limes to provide an early false set to protect the mortar as it cures.

Controllable from just ninety seconds to one hour. Prompt can make a waterproof mortar and is approved for use with drinking water, it can even be mixed with sea water and is extremely resistant to chemicals, acids and alkalis, and has an exceptional shelf life.

Produced by the Vicat Company at their Voreppe works very close to the French alpine city of Grenoble. The Vicat Company was established in 1853 and is the third largest cement producer in France, and now the only manufacturer of natural cement sold as Prompt, a name as synonymous with natural cements as Hoover is for vacuum cleaners.

Cornish Lime is the national distributor for Prompt.



### **Prompt Natural Cement**

Prompt is suitable for marine applications, rapid-set masonry and as a replacement for Roman cement. It can also be gauged with NHL's to provide an early false set to protect the mortar as it cures.



Retards the setting time for Prompt natural cement. Adjustable from 90 seconds up to an hour depending on conditions. Tempo adjusts the setting time of Prompt from around 2 minutes to 15 minutes at 20°C.

## **Related Products**

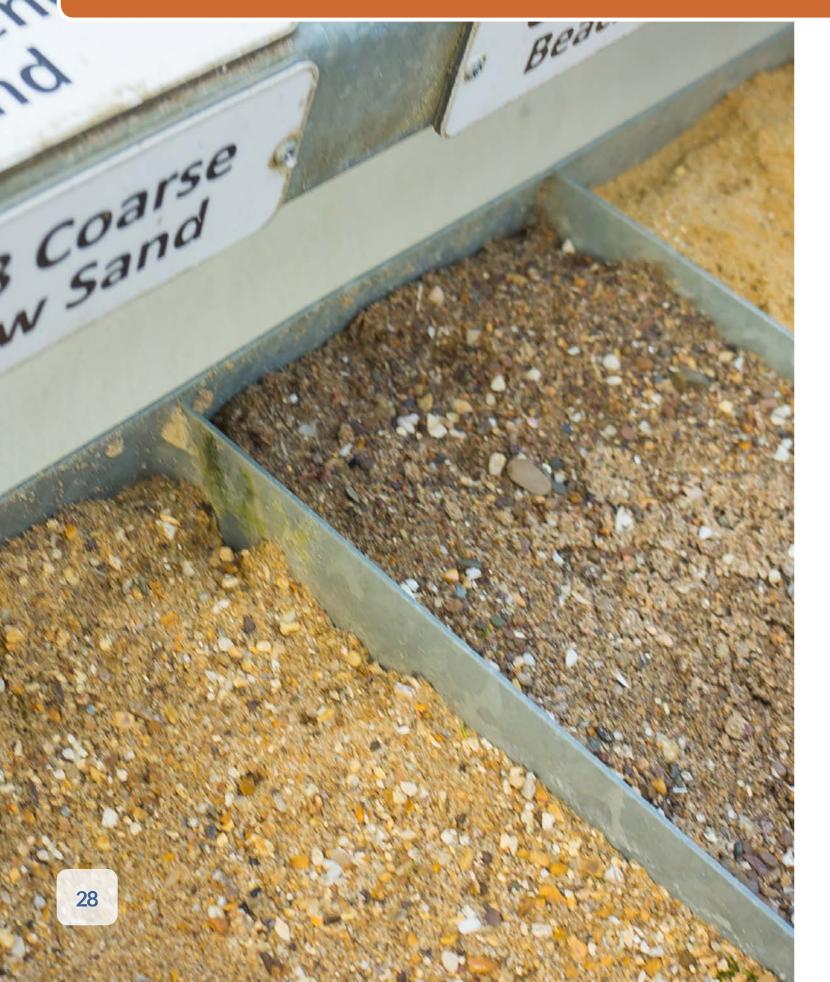
There are a lot of different elements to consider when working with lime mortars and renders. Principally you mix a binder with a sand at a certain mix ratio and add an appropriate amount of water to suit the given application. Mortars can be simple or complex, depending on a variety of factors and performance criteria. They can be modified with additions such as pozzolans, hair or fibres, pigments and a whole array of other inclusions with each influencing the mortar in some shape or form. While traditional inclusions may have varied, nowadays the properties of a mortar are achieved through proprietary additives to change certain characteristics of the mortar such as bond strength, workability and colour.

Our Cornerstone mortars, lime sand mortars and grouts may well include some of these additions, which in some cases might only be a few grammes per tonne of product and they are supplied ready mixed for optimum performance by our in-house formulators.

Working with lime can be challenging and different factors will impact your work in different ways. Failure to recognise these may result in failure if adequate measures are not adopted; substrates need to be prepared carefully, the correct tools need to be used to apply a mortar or render and lime mortars need to be protected from adverse weather conditions while they cure.

Cornish Lime supply the complete solution for your building restoration and conservation needs. Our pragmatic approach recognises the benefits of use for many of the above including that for environmentally friendly, traditional as well as contemporary methods and materials.

## Sands



Cornish Lime has always recognised the importance of the role of sand in a lime mortar or render, and whether building, pointing, rendering, matching historic mortars or achieving a certain finish, the suitability of the mortar ultimately depends on the suitability of the sand used.

With over 500 tonnes available for immediate delivery from our extensive stock range of fine, coarse and blended sands. Each have been specifically selected for individual properties such as colour, mineralogy, texture and grading. Below is a selection of the most popular.



arse a

### **CLS28** Coarse Sand

An excellent all-round sand, angular 5mm down flint. Chosen for high performance when building, pointing and rendering.



### CLS26 Coarse Sand

A good general purpose, sub-rounded 5mm down mixed alluvial sand. Chosen for pointing & mortar matching.



### CLS35 Fine Sand

An excellent fine render sand, angular 2mm down flint. Chosen for high performance when rendering external finishing coats.



### CLS36 Fine Sand

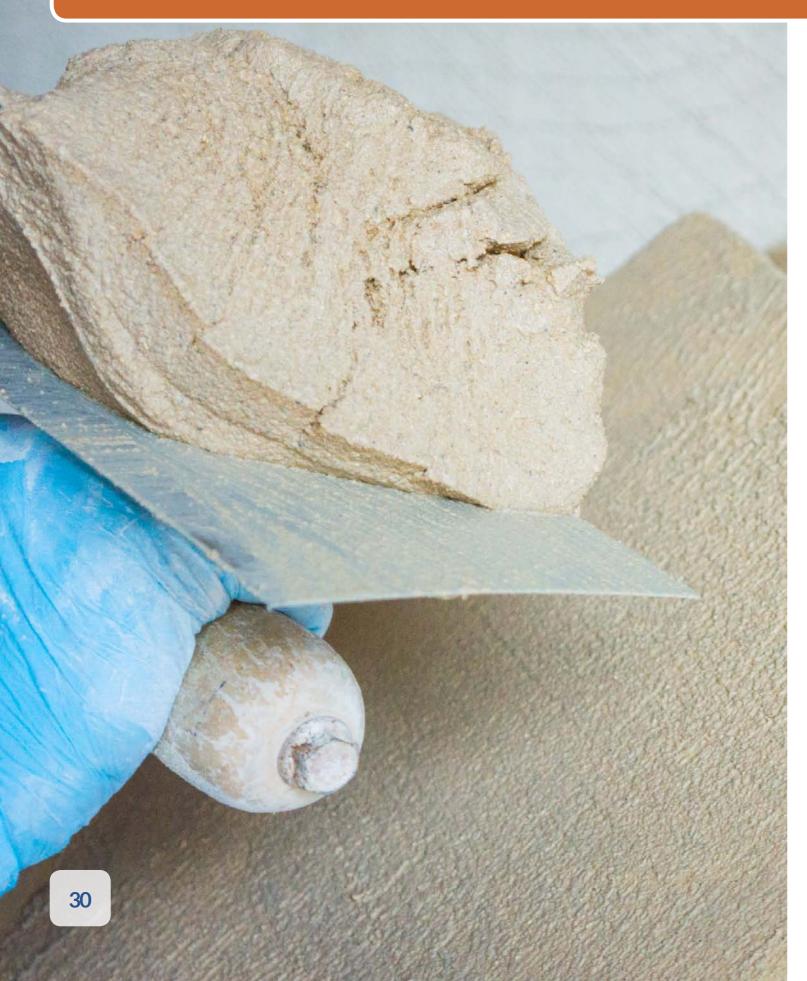
An excellent superfine plastering sand, very rounded 0.5mm down silica. Chosen for performance when plastering internal finishing coats.



### **CLS9O** Tamar Blended Sand

An excellent light to medium grey regional blend, rounded 5mm down granite and quartz sand with slate inclusions. Chosen for pointing and mortar matching.

## Additions



For certain application, colour and performance characteristics, lime based mortars can be improved with simple additions.

Cornish Lime hold a wide and varying range of mortar additions that are suitable for historic and modern construction.

We are happy to assist our customers with advice on mortar additions, please contact us for further advice.



### Animal Hair

Animal hair is added as a reinforcing aid to improve tensile strength and manage shrinkage stresses especially on high suction backgrounds. We hold a variety of hair including goat, horse and pig.



Fibres are a modern alternative to animal hair, they perform every bit as well, are much easier to use and are alkaline resistant. We stock a range of fibres in various lengths with a wide application range.



### Mesh

Plasterers mesh is used as a render reinforcement over backgrounds where differing substrates meet, certain backing boards or high suction backgrounds. Plasterers mesh is lightweight and alkaline resistant.



### Stone Dusts and Pozzolans

Additives to provide specific properties and characteristics to lime based mortars. We offer a range of graded stone dusts along with pozzolans including PFA, Argical and brick dust.



### Pigments

Naturally occurring pigments such as ochres and iron oxides have traditionally been added to lime coatings to provide a coloured finish. We supply a wide range of natural pigments suitable for use with lime.

## **Associated Products**



Different projects have differing requirements and our product offering represents the most commonly used building conservation materials used for the care and repair of the building fabric; with some of these materials more than suitable for contemporary applications.

Cornish Lime stock a wide range of these materials with extensive stock holding for immediate despatch



### Wooden Lath

Lath is a traditional support for renders, we hold large stocks of Riven Oak lath (for ceilings) we also hold Sawn lath (walls) in both Oak and Larch. Sawn or riven species are available to order.



### Render Carriers

Celenit wood fibre board used as a replacement for lath, internal partitions and newbuild timber frame. Our render carriers are vapour permeable, water and frost proof and come in a range of thicknesses.



### Hessian

Ideal for protecting lime mortars and renders year-round. Kept wet in summer it will help manage rapid drying and serve as a frost blanket in the winter. We hold a variety of Hessians, from lightweight to heavy duty.



### Cob Blocks & Bricks

Cob blocks and bricks are perfectly suited for the repair or replacement of mass cob walls, cob replacement and sustainable new builds. Held in standard concrete block and brick sizes for ease of use.



Specialist tools with an emphasis on those for the wet trades. Trowels, hammers, chisels, hawks, brushes, floats, brushes, rollers, sprayers, sponges and protective clothing.

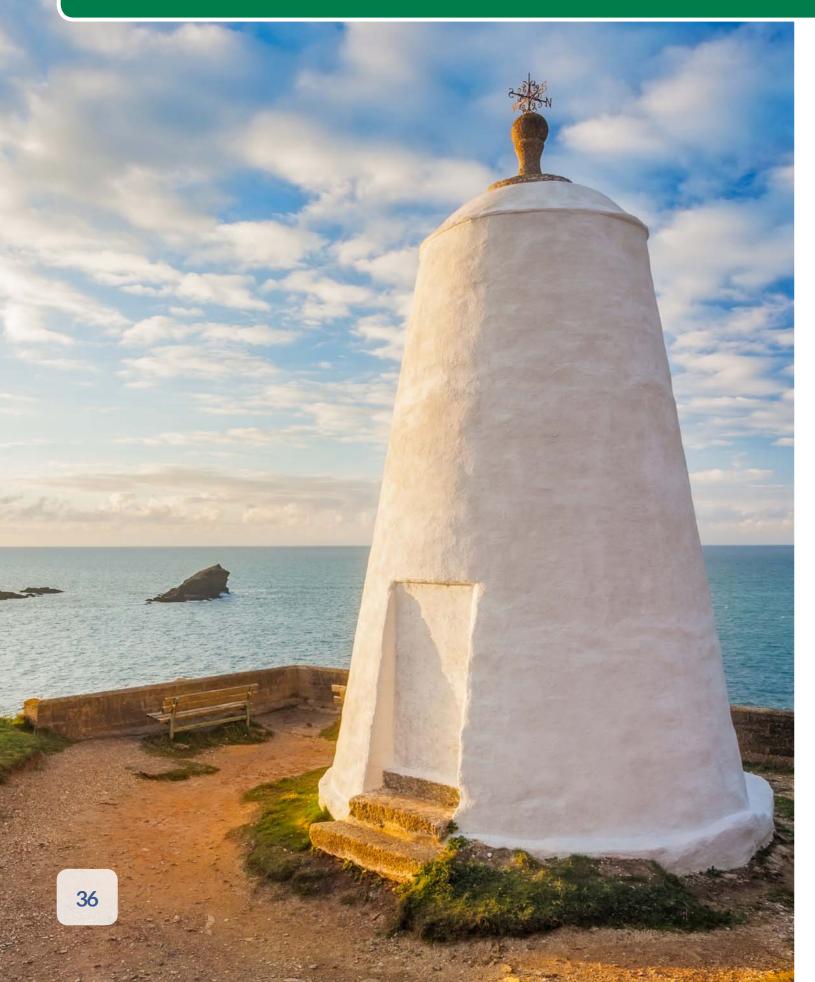
## **Breathable Paints**

Breathable paints for both historic and contemporary construction

A breathable paint is one that allows moisture to travel through its surface. Conventional or modern coatings are usually based on a chemical formula that results in a film like coating that is designed to prevent the movement of moisture. With historic buildings, it is vital to ensure that the building's fabric is vapour open and no moisture is able to become trapped and allowed to build up, leading to moisture related issues such as damp.

Whilst breathable paints are critical for older buildings, they also play an important role within contemporary construction. Breathable paints are usually derived from naturally sourced materials with low or no chemical additions, resulting in a coating that is healthy for both the internal environment, the user and the occupier. When used internally breathable paints help control and regulate the internal climate of rooms.

## **Beeck External Mineral Paint**



Breathable, durable, non-toxic and environmentally friendly

Beeck have been manufacturing mineral silicate paints for over 120 years. Unlike modern coatings, Beeck paints do not form a film over the substrate; they form a direct and inseparable chemical bond to the substrate. Due to this chemical bond a highly stable, durable and lightfast coating is achieved. This process results in a long lasting finish that can be over coated numerous times, making maintenance simple, efficient and extremely economic.

Beeck paints are fully breathable, allowing any moisture to be released from the substrate. Because the paint does not form a film making it far less prone to cracking and flaking.

Beeck paints are solvent free and non-flammable, providing an extremely low VOC environmentally friendly material. All materials are obtained from practically unlimited mineral resources, further lessening their environmental impact.

Beeck's external range of mineral paints also contain the addition of a hydrophobe, while not a waterproofing aid it repels rain water to further help manage water from entering. This addition further protects the building fabric and allows it to dry much quicker during wet spells, providing an additional layer of security and protection for the building.

The range is comprehensive and unsurpassed in terms of lightfastness, vapour permeability and durability. Suitable for historic and contemporary buildings. With over 250 colours that are hand mixed to order.



### **Beeck Beeckosil**

Highly breathable and hard wearing, silicification active ready to use exterior silicate paint. Designed to be applied to mineral backgrounds such as natural stone and lime/cement renders.



### **Beeck Renosil**

Breathable and hard wearing exterior silicate paint. Designed as a renovation coating that can be applied over firm, existing paint coatings or onto new render and mineral surfaces.



### **Beeck SP Plus**

Highly breathable and hard wearing clear hydrophobing (water repellent) coating for absorbent mineral surfaces, such as lime render and porous natural stone.

## **Beeck Internal Mineral Paint**



Breathable, durable, non-toxic and environmentally friendly

Beeck paints are fully breathable, allowing any moisture to be released from the substrate and as the paint does not form a film it is far less prone to cracking and flaking.

Beeck paints are solvent free and non-flammable, providing an extremely low VOC environmentally friendly material. All materials are obtained from practically unlimited mineral resources, further lessening their environmental impact.

Internally Beecks paints can help regulate humidity, achieving a healthier internal climate as well as offer unsurpassed durability.

The range is comprehensive and unsurpassed in terms of lightfastness, vapour permeability and durability. Suitable for historic and contemporary buildings. With over 250 colours that are hand mixed to order.



### **Beeck Insil**

Breathable, ready to use interior silicate paint. Suitable for use over lime plaster and existing painted surfaces. Two coat application.



### **Beeck Maxol**

Highly breathable and hard wearing, ready to use interior silicate paint. Suitable for use over lime and gypsum plasters as well as existing painted surfaces. One or two coat application.



### **Beeck Sensil**

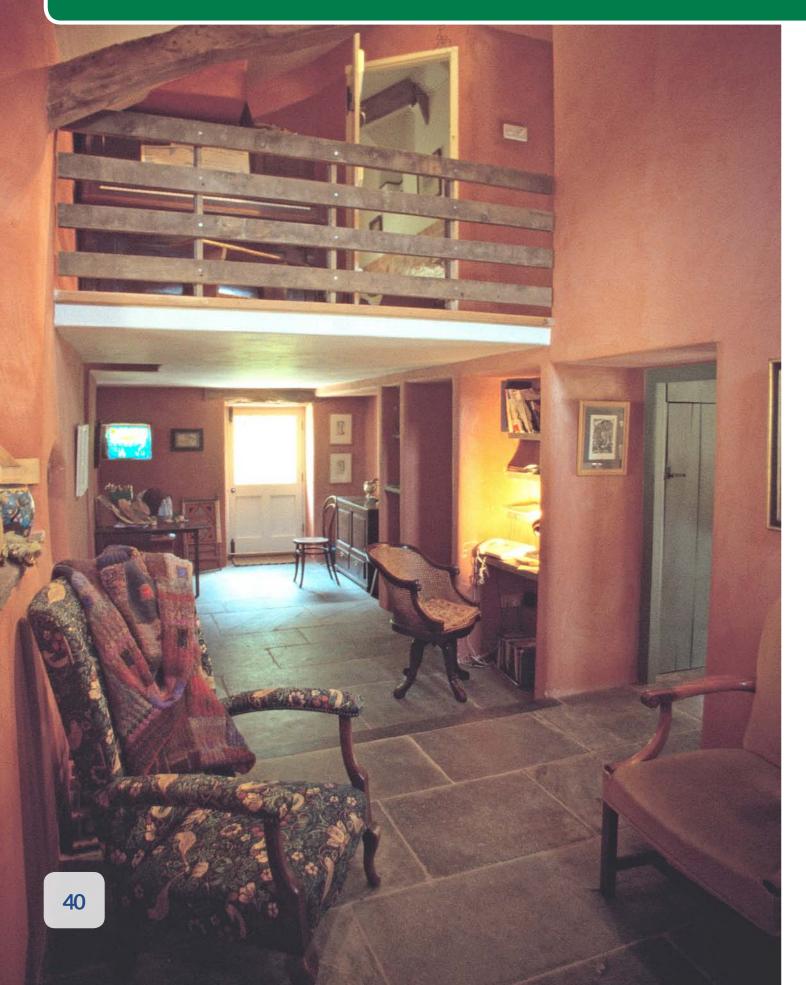
Highly breathable, scrub resistant and hard wearing, ready to use interior silicate paint. Suitable for use over lime and gypsum plasters as well as existing painted surfaces. One or two coat application.



### **Beeck Gypsum Primer**

Breathable, solvent free primer which enables Beeck Mineral paints to form an inseparable bond on hard to treat and non-porous surfaces. Can also be used as a base coat onto gypsum plaster.

## Limewash and Lime Paint



### Limewash

Limewash has been used for centuries to decorate and protect the interior and exterior surfaces of buildings. Limewash is a very simple means of decoration offering a flat matt finish with a highly refractive surface that reflects the changing light through the seasons and manages moisture throughout the wet and dry periods.

Research carried out at all levels has proven limewash to be one of the most permeable type of decorative finish available. Combine this with the fact that it has been used as a decorative finish for thousands of years throughout the world, there is no doubt that it is a tried and tested decorative medium.

Limewash, in its simplest form, is calcium hydroxide (slaked lime) suspended in water. After application, the water evaporates and atmospheric carbon dioxide combines with the wash to form calcium carbonate, this process is known as carbonation. During the carbonation process the limewash hardens, develops its colour and bonds to the substrate.

Limewash can then be further altered with the addition of natural pigments to produce a coloured finish. Our range of Limewash is available in white and a range of 24 colours.

### St. Astier Lime Paint

St. Astier Lime Paint is a modern approach to lime paint. It contains the addition of a small amount of acrylic, which has no impact on the breathability of the finish, but does allow for more durability when compared to a traditional limewash and enables the application on to numerous substrates such as gypsum and lining paper as well as lime render.

Available in 24 colours, St. Astier Lime Paint comes as a powder to which water is added to create 5 litres of paint.



### Cornish Lime Limewash

Our own traditional Limewash made to a unique recipe. Available in 10L and 20L tubs in standard white and a range of 24 colours.



### St. Astier Lime Paint

A vibrant and breathable lime paint available in 24 colours with additions to improve performance and application.

## Natural Paints



### Aglaia Natural Paint

Natural, environmentally friendly, durable, breathable and beautiful, Aglaia paints have been manufactured for over 50 years using only natural ingredients. These high-performance products are based on traditional formulations that have been further developed to minimise their impact on the environment, have no adverse effect on our health and allowing buildings to breathe.

Made using renewable and recycled crop sources, where all of the manufacturing waste goes to a community composting facility, Aglaia is a truly sustainable paint. Unlike modern petrochemical based paints which produce toxic waste during their manufacture and once applied release dangerous and volatile organic compounds (VOCs) that can have an adverse impact on our health. Aglaia natural paints are non-carcinogenic and do not encourage allergic reactions as they contain no synthetic chemicals, which also reduces dust build up. Available in over 250 colours that are hand mixed to order.

### Earthborn Clay Paint

Earthborn clay paints are breathable and produced from natural materials. It results in a paint that is VOC free, acrylic free, oil free, easy to apply and offers great covering power. Available in a range of selected colours that are ready to use.



### Aglaia Wall Primer

Natural breathable and alkaline resistant casein based paint with a matt finish. Aglaia Wall Primer is designed to control the suction of porous plaster surfaces such as lime and gypsum.



### Aglaia 5\*

Natural breathable interior wall paint. Natural interior paint for application onto lime and gypsum plaster and also over existing painted surfaces.



### Earthborn Claypaint

Breathable ultra matt finish clay paint. Earthborn Claypaint is compatible with both historic and contemporary construction and available in a wide range of colours.



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