

Angliamix FibreChalk

Easy-to-use, versatile, ready mixed fibre & lime plaster with an attractive finish.

Universal in its application for...

Historic & listed buildings • Conservation projects • Modern & new build

THE ORIGINAL CHALK AND FIBRE LIME PLASTER.



A Breakthrough Invention

FibreChalk is a result of many years of research and development by Anglia Lime Company.

15 years ago, tests carried out by ALC revealed the **ancient lost recipe** for 'Haired Chalk' lime plaster.

Used for centuries all over the country and still regularly found in perfect condition, they reintroduced the mix and have been supplying it continuously ever since.

FibreChalk is the **innovative** modern version of ancient haired chalk plasters. It replicates not just the look of this old plaster but also its extreme **flexibility** and **breathability**.

FibreChalk is the **natural** choice of plaster for traditional lath & plaster work and timber framed buildings.

The key features of FibreChalk also make it perfectly suited for use with **modern** and **ecological** building materials. Use it on...

• Lightweight block • metal lath • plasterboard • clay • woodwool board • timber lath • reed • straw bale • brick •

Apply onto practically any background in any thickness, single or multiple coats - It's great for pargetting too!

Conservation Officers and Architects are specifying **Anglia Lime Company's FibreChalk.**



Just like those medieval plasters, **FibreChalk is...**



Incredibly Flexible

Accommodates natural movement in a building structure, resists shrinkage, cracking and shearing.

Breathable

Vapour permeable to help prevent build-up of moisture levels in your building.

Eco Friendly

Lime in the plaster absorbs nearly its own weight in CO₂ during the curing (drying) process. (Manufacturing lime uses 20% less CO₂ than cement manufacture).

How To Use FibreChalk



Open the tub or bag of plaster and tip off any water that has risen to the surface. If the plaster has stood for more than four weeks it is likely to have settled out slightly and may be stiffer towards the bottom. If this is the case, simply turn the plaster out onto a board or plasterers tray and "knock it up" (turn it over with a spade/trowel to restore consistency). It is possible to remix the plaster in a standard mixer, or with a paddle.

A paddle is likely to pull out some of the fibres. Removing large amounts of fibre may affect the overall performance of the plaster, a small 'beard' around the whisk will not cause a problem.



Application for a perfect finish:

- Decide how thick you want the finished plaster to be, taking into account exposure to weather, evenness of the substrate etc.
- FibreChalk can be applied up to 20mm thick in one application and, while excellent results are achievable this way, you may prefer to apply in two applications, as follows for a finished thickness of plaster of 20 - 22mm:
 - First Application: 10mm to 12mm thick, scratched to take next coat. - N.B. If applying to wooden laths, make sure sufficient plaster is pushed between the laths to form the "nib" - the lump of plaster behind the laths that becomes the anchor for the plaster face.
 - Leave for 2 - 4 days so that it has begun to dry out but is still 'green' (firm enough that you can mark it with the tip of your finger). The actual time will depend on the ambient temperature and humidity, the suction (water absorbency) of the substrate and the thickness of the plaster you have applied.
 - Second Application: 10mm thick. Do not attempt to trowel a finish immediately or while the plaster is wet.
- Once the plaster has started to stiffen-up and set, usually the next day but dependent on ambient conditions - lightly flatten the face of the plaster (if a little moisture is needed at this point, wet the trowel, not the plaster). At this point it is possible to achieve a choice of finishes. If the plaster is simply left alone to dry, it will set with a texture, not unattractive, a bit like coarse porridge. If the plaster is trowelled again before drying, it is possible to achieve a high polish. N.B. on external plaster, a slightly textured surface provides better weather protection than a polished finish.

How much FibreChalk do I need?

1 litre will cover 1sq metre at 1mm thick. E.g. for a 20mm application, 20 litres per sq metre will be required.

For plastering onto laths, allow an additional 5mm to push between the laths to form the 'nib' (plaster anchor on the back). i.e. 20mm thick plus 5mm for nibs requires 25 litres per sq metre.

FibreChalk is packed in 15 litre tubs or 100 litre mini bulk bags.

Decorating:

FibreChalk can be decorated using Anglia Lime Company's Pro-tech Limewash system for external work and Soft or Bound Distemper for internal work. We can mix any colour Limewash or Distemper to order.

Decorative Work & Pargetting:

The sky's the limit as far as pressed-in or applied decoration goes. From traditional combed geometric shapes, to heavy relief and family crests. When forming work over 20mm thick, build it up in successive 10mm coats, there should be plenty of time to apply fine detail to the work if required.

If you create something you're proud of, email us a picture. If you're happy for us to do so, we'll put it up on our website.

Tips:

When applying FibreChalk, the principal rule is not to try to obtain a perfect finish as soon as the plaster is applied. Each pass of the trowel over the plaster brings water and fine particles to the surface, so be careful not to overwork.

As with all plastering, think flat, but not straight - always try to keep a consistent depth of plaster but follow the curves and contours of the building.

Protect the plaster from extremes of weather.

For internal work in unoccupied buildings during winter months, setting time can be reduced by introducing heat and air movement with electric fan heaters.

This is only possible due to the unique properties of FibreChalk.

Do not attempt to force dry any other lime plasters.

We produce a wide range of lime based plasters, mortars, renders and coatings - talk to us about your project. If you have any questions or require sample material please don't hesitate to call or email us at Anglia Lime Company:

Readily available 100 litre mini-bulk bags or 15 litre tubs on your site within 72 hours

*from time of order, delivery service permitting

