Fibrelime™
A Future for Limes

www.fibrelime.com

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Plastering and Rendering

Woodwool Construction Slabs

Fibrelime description:

Fibrelime is a one coat traditional lime based plaster with innovative fibres, extending the wet storage life and durability of the finished plaster. The advantages are improved adhesion, flexibility, ease of application and resistance to shrink, crack and shear damage. These properties will help to ensure the ease and success of the finished work. Fibrelime when set leaves a slightly leathered finish. As a lime putty product Fibrelime has full breathability.

Fibrelime as an internal plaster and external render is ideally suited to slabs with good bond strength and vapour permeability. Both cement and magnesite bound slabs are covered as a one coat system, saving application times and reducing labour costs.

Coverage:

Approximately 30kg of wet Fibrelime is required to cover 1 meter square of woodwool at 13.5mm, to a finished dry thickness of 12mm.

Over trowelling should be avoided as Fibrelime will continue to be pressed in the pockets resulting in unnecessary usage.

Preparation before Application:

It is essential that Fibrelime is mixed very well, preferably using a paddle mixer, this will ensure that the ingredients are properly re-blended and that the plaster is suitably 'fat' which results in a more workable material. Failure to carry out remixing will affect the performance and ease of application.

- Do not add or remove water from the premix.
- Do not apply Fibrelime in extremes of temperatures.
- Do not damp down slabs before applying Fibrelime.
- Do not apply as more than one coat.
- Do not include admixtures without consulting Fibrelime Technical first.
- Where breathability is desired finish with a good quality breathable potassium silicate paint such as Keim (see related products at www.fibrelime.com)
- Do refer to the Health and Safety data on the above website.

Internally:

Fibrelime should be applied directly to the slabs without damping down. The thickness, is usually between 6 and 12mm(check with your Specifier). Allow for a reduction of thickness on the dried plaster of between 5-10%. Weather conditions and temperature will dictate the initial setting times from a few hours for an initial set, to a day or longer in colder and damper environments.

Allow some moisture to leave the plaster before attempting to trowel a finish, this may require more than one trowel phase but, as with most plasters, do not over-trowel as this can lead to separation. Weather conditions and temperature will dictate the initial setting times from a few hours for an initial set, to a day or longer in colder and damper environments. In dry conditions carbonation control may be necessary by spraying water from an atomiser.

Externally:

Externally Fibrelime should be applied directly to the slabs without damping down; apply between 12 and 15mm depending on conditions of exposure. Check with your Specifier to refer to the 'Wind Driven Indices' (BRE) for your area. In exposed conditions fibreglass grade 4 10mm reinforcing mesh may be desirable in the mid way point of the render (see Related Products www.fibrelime.com). Keep Fibrelime as a wet one coat system to avoid separation. Allow for a reduction of thickness on the dried render of between 5-10%.

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Aftercare:

Lime plasters need damping down to control the carbonation of the lime however, Fibrelime does not have the same degree of reliance on this, but it is good practice to moisture control it under dry conditions in order to get the best from the product.

Any cracking that might appear should be very limited and can be filled with more Fibrelime. Take care to wash off any powdery residue from the filling or from the aftercare stages before painting.

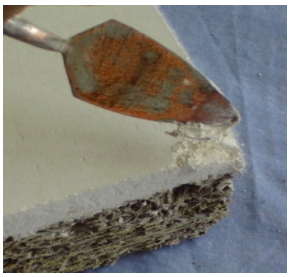
Fibrelime will tolerate cold temperatures during the setting period, but it is always good practice to cover the work to protect it against frost action.

Painting:

Fibrelime can be painted with a full range of quality modern and traditional paints. Where breathability is desired use a mineral paint such as Potassium Silicate (see Related Products page on www.fibrelime.com). Check first with your paint supplier that the paint you are using is compatible with lime plaster and applicable to the task. Before applying the paint ensure that the plaster is suitably moist or completely dry, depending on the paint manufactures' recommendations. Follow the paint manufacturers' instructions.

Leave the applied plaster at least 28 days to set (longer in damp conditions) before painting. Sanding down Fibrelime will cause the surface to fluff slightly.

Maintenance:



Fibrelime finished plaster requires minimal maintenance, simply damp the plaster and fill any impact damage or movement cracks, with more Fibrelime, clean down all powdery residues and repaint.

Storage:

Fibrelime as a wet lime putty premix will in theory store indefinitely, however as the ingredients will continue to separate in the tub, we recommend that it is used within a year.

Do not store in extremes of temperatures

General:

Do not use admixtures of any kind without first consulting with Technical at Fibrelime Ltd 01760 337994 or 07761119394.

Do not add water to the premix as this will compromise the plaster's strength.

Do not drain water from the premix.

Do not use in extremes of temperatures

We make every effort to produce Fibrelime to a consistent quality, however, due to the manufacturing process you may find the occasional fibre clump, please discard it.

Fibrelime contains Calcium hydroxide (lime putty) and as such will degrade organic materials if subjected to prolonged exposure to lime.

Wet Fibrelime may have a bleach affect on some fabrics.

Health and Safety:

Detailed Health and Safety Data sheets are available to download from our website www.fibrelime.com

IMPORTANT NOTICE

Health & Safety Information

Fibrelime cannot accept any liability for incorrect use or application of Fibrelime. Recommended 'best practice' should be followed at all times. If in doubt, please call us on 01760 337994 or 07761119394 for advice or assistance. Detailed Health and Safety Data sheets are available to download from the "Technical Stuff" section of the website under Safety Data.

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