



Issue 2 – Jan 2023

Coarse Stuff Lime Mortar – Data Sheet

Product

Womersley's ready-mixed Coarse Stuff is a ready to use plastering/rendering mix that simply requires 'knocking-up' prior to application.

Mix Ratio – 1:3 Mature Lime Putty and a blend of Grit and River sand 4mm down.
For custom mix ratios and aggregates please contact us.

Produced either without hair, haired or with hemp.

It is made using our top-quality lime putty which will be a guaranteed minimum 4 months mature.

Usage

Coarse Stuff is a traditional lime putty-based undercoat plaster for masonry and lath. It is manufactured on site in Yorkshire from British mature lime putty (non-hydraulic lime) and selected aggregates. Coarse stuff is ideal for the care and restoration of older buildings, and can be used internally and externally.

Coarse stuff is suitable for a wide range of projects whether renovating older buildings or application internally and externally to straw bale builds. Coarse stuff has a natural elasticity, which allows it to absorb minor building movements.

Coverage

Coverage approx. 1m² from 35kg at 10-15mm thick or 30m per tonne bag.

Advantages

- Quality controlled production
- Consistency of mix ratio
- Natural Elasticity to absorb minor building movements
- Breathable
- Entirely natural

Surface Preparation

Ensure the background is thoroughly clean. If the background is saturated, then check externally for cracks or other causes of water penetration. Causes of damp should be remedied first eg re pointing outside. Apply sufficient water to reduce excessive suction, especially on bricks and porous stone and always dampen down before applying subsequent coats.

When plastering on laths they should be well wetted the day before and again 2 hours before application.

Womersley's Ltd

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How to Mix

Womersley's coarse stuff is ready to use. Any excess water on top of the tub should be poured away and the mortar knocked up.

How to Apply

Dub out the wall with haired coarse stuff to bring it to a relatively flat plane by filling pockets, voids or missing pointing mortar. In most cases this will be sufficient and joints or holes will not have to be filled with rubble unless quite deep. When a dubbing out coat is used let it set sufficiently before keying it.

Apply a haired or hemp undercoat after approx. 3-4 days after completion of the daubing out. Thickness can vary according to the overall thickness required but it is normally between 10 and 12 mm. It must not be applied over 15 mm thick. If this is required it should be done as an extra coat (two intermediate coats) each not above 12 mm leaving 3-4 days between applications.

Each coat should be scratched using a cross-hatch pattern no deeper than a 1/3 of the depth of the render. During this period the plaster / render should be damp cured by mist spraying and protected from direct sunlight and drying winds, preferably with damp hessian.

These coats should be left for 4-5 days to build up in strength before application of a float coat. The float coat (generally unhaired) should be applied at 8-10mm and should not be thicker than the undercoat and if a top coat is to be applied the float coat will require re-keying. Do not apply a finishing coat for a further 4-5 days, until float coat is adequately firm and any small amounts of shrinkage are complete. This is especially critical on timber lathed ceilings.

Curing and Why

Non-Hydraulic Lime renders / plasters do not set as quickly as modern cement based products or Natural Hydraulic Lime. They set by carbonation, meaning a much slower set and the lime remains softer and more breathable. This process will be influenced by climatic conditions and will behave very differently between the seasons.

Protect the render / plaster against the effects of drying winds, strong sunlight, rain and frost. In warm weather gently mist spray with water after application and cover if required with damp hessian. In cold weather cover fresh mortar with protective layers of hessian to help avoid frost damage. Heating regimes should be tempered so not to force dry the fresh works.

Packaging

Available in a 10l / 16kg tub, a 20l 35kg tub or a sealed one tonne bulk bags. The plastic used is suitable for recycling.

Storage

This product can be stored in dry conditions and should be kept away from freezing conditions. The shelf life is technically indefinite but realistically we would recommend use within 12 months.

Health and Safety**Womersley's Ltd**

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Risk Phrases	Safety phrases
R36/37/38 Irritating to eyes, respiratory system and skin	S2 Keep out of reach of children
R43 Contact with wet mortar may cause irritation, dermatitis and/or burns	S26 In case contact with eyes, rinse immediately with plenty water and seek medical advice.
R 66 Repeated exposure may cause skin dryness and cracking	S24/25 Avoid contact with skin and eyes
	S36 Wear suitable protective clothing

Declaration

This product contains no NHL, pozzolans or cement.

All Womersley's products are manufactured under an ISO9001:2015 accredited factory production control system.

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