



Issue 2 – Jan 2023

Clay Slip – Data Sheet

Product

Womersley's wet Clay slip is a ready to use rich clay mix that simply requires 'knocking-up' prior to application.

Mix Ratio – 1:2 Wet Clay and a well washed Grit sand 4mm down. For custom mix ratios and aggregates please contact us.

It is made using our top-quality and locally sourced natural wet clay which is well seasoned prior to use.

Usage

Clay slip is a traditional wet clay plaster for priming walls or render carrying boards before applying a base coat clay plaster or for priming straw bales.

Manufactured on site in Yorkshire from well-seasoned wet clay plaster and selected aggregates.

Clay plasters not only look beautiful but have brilliant eco-credentials for a sustainable and healthy home. They are suitable for creating comfortable modern buildings and older building refurbishment.

Coverage

Coverage approx. 3m² from 20kg at 3mm thick

Advantages

- Quality controlled production.
- Consistency of mix ratio.
- 100% natural.
- Minimal carbon footprint.
- Cool in summer and warm in winter.
- Clay is both breathable and hygroscopic, so manages damp and regulates humidity.

Surface Preparation

Suitable for priming less absorbent internal walls or render carrying boards. If applying to straw bales, then trim and rub the slip into the straw bale. On modular systems where the straw is secured within wood frames then the clay slip won't be necessary for applying to the straw but will provide an excellent binder for applying mesh across the modular joints.

All junctions between surfaces and materials should be treated with care, covering them with hessian or jute.

How to Mix

Womersley's clay slip plaster is ready to use. Any excess water on top of the tub should be poured away and the plaster knocked up.

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How to Apply

Apply in the conventional manner with a hawk and laying on trowel as a slurry coat at 3-5mm thick. If applying to straw bales, then apply by hand and smear into the surface.

When reinforcing over joints, reinforcement mesh must be installed and smoothed into the slip surface with a trowel. We recommend a jute or fibre glass mesh of at least 7mm.

Drying Times

The basecoat can be applied whilst the slip is still green.

Good air circulation is encouraged during and after application.

Applications should not proceed when temperatures fall below 5 degrees or above 30 degrees.

Curing and Why

Clay plasters harden by drying and as no chemical reaction takes place, they remain workable for a lengthy period.

Packaging

Available in a 10l / 20kg 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.

Performance

Test	Performance
Density	1722kg/m3
Aggregate size	3.5mm down
Thermal conductivity	0.97 Wm/K
Fire	Non-combustible
Sound absorption coefficient	0.090N
Embodied Carbon	0.1162 Kg CO2 eq/KG

Health and Safety

If contact with eyes, then wash eyes thoroughly with liberal amounts of water. If ingested then wash mouth with water, if large amounts are swallowed obtain prompt medical attention.

Safety Phases - No safety phrases

Risk Phases - No risk phrases

Declaration

This product contains no NHL or cement.

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

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