

Lime green Solo

11.10.13

Lime Green *Solo* is an internal lime plaster made to an historic recipe. Suitable for a wide range of backgrounds including: boards, masonry and wood fibre insulation boards. Lime green *Solo* is a labour saving product which promotes a healthy indoor climate, it is highly vapour permeable and can be finished in one coat to a smooth surface.



Composition

Selenetic Lime; sand, chalk. Other additives <0.1% for set control and workability. Does not contain cement.

Coverage

One bag will cover approximately 5m² at 3mm thick or 1.3m² at 12mm thickness. 1.6kg of powder per mm of thickness over 1m²

Availability

Available in 25kg sacks, 40 per pallet shrink-wrapped.

Guidance notes

- Sample trials should always be carried out to assess compatibility with substrate.
- Porous backgrounds should be dampened before application.
- Do not allow Lime green Solo plaster to rapidly dry; dampen very dry backgrounds and do not force dry.
- Do not prime walls with PVA
- Not suitable for excessively wet or continuously damp backgrounds
- Lime green plaster should be applied to uniformly flat walls. Uneven walls should be dubbed out using lime green Duro first

Mixing

Mix with only clean water for between 3 to 5 mins. Add approx 5-7 litres of water to a 25kg sack

Temperature: 5°C to 30°C

Reworking: Not possible

Required thicknesses

Insulation boards typically 8 to 12mm. Plaster boards typically 3 to 5mm.

Masonry typically 10-12mm

Product Data

Application Guidelines

On Masonry and Plaster Board

Apply the plaster in one pass, levelling off with a straight edge. Leave for at least 1 ½ hours before sponge floating to give a light texture to the surface. If required, leave for another few minutes before closing in with a steel trowel to produce a smooth finish.

Do not over-work the surface as this may lead to fire cracking.

Allow at least 2 weeks drying time, during which time it should be protected from rapid or forced drying.

On Insulation Boards


Apply Lime Green Solo in two passes of approximate equal thickness, the second to be applied within 24 hours of the first.

Lime Green 454 reinforcing mesh is pushed into the first pass immediately while the plaster is still tacky. Overlap joints in the mesh by 100mm. The mesh should be doubled up at the stress points around windows and doors with diagonal pieces of at least 200mm x 400mm in size.

The second pass is applied over the top to completely embed the mesh in the plaster. Finish as for masonry.

Painting

The system is a vapour open and functions by allowing moisture vapour to pass freely. It is therefore important that only vapour permeable paints are used to decorate it. The following paints types and manufactures offer suitable paints: Aglaia natural paints, Traditional limewash and Beeck Insil

	
Lime Green Products Ltd Coates Kilns, Stretton Road, Much Wenlock, TF13 6DG 12	
EN 998-1 General Purpose Plastering Mortar (GP)	
Compressive Strength class	CS I
Reaction to fire:	Class A1
Water vapour diffusion coefficient:	μ 5/20
Adhesion:	0.01 N/mm ² FP: C
Thermal Conductivity p=90%:	0.54 W/mK

Health & safety
Protect eyes and open wounds, wear protective clothing. See Health and Safety data sheet for further information. Composition
Risk Phrases
R36/38 Irritating to eyes and skin
R66 Repeated exposure may cause skin dryness or cracking
Safety phrases
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S24/25 Avoid contact with skin and eyes
S36 Wear suitable protective clothing