



# THE LIME CENTRE

The Lime Centre Ltd, Hazeley Road, Morestead, Winchester, Hampshire SO21 1LZ  
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## Product Name: Solo

- Solo is an internal lime plaster finish coat.
- Designed for internal application over Duro or Ultra base coats
- Lime Green Solo is suitable for a wide range of backgrounds including: wood fibre insulation boards and plaster board.
- Solo can be finished in one coat to a smooth finish.
- Ideal for historic buildings.

### Packaging

25kg bags. Store in a cool dry place and use within 8 months.

### Coverage & Quantities

We are happy to work out quantities for you.

A 25kg bag will cover approx. 5m<sup>2</sup> at 3mm thick. This does not include any allowance for wastage.

### Surface Preparation

Scratch existing basecoat of Ultra or Duro with a 'nail' or 'devil' float once the basecoat has hardened but is still 'green'. Scratch in a tight spiral action making light grooves. Dampen surface with mist spray in sufficient quantity to reduce excessive suction.

### Mixing/Water Addition

Add 5 - 7 litres of clean water per 25kg bag. Use a mechanical whisk for 3 - 5 minutes.

### Application

**Temperatures:** above 5<sup>o</sup> and below 30<sup>o</sup>C

**Reworking:** Not possible

### Onto Duro/Ultra Base Coat

Apply the plaster in one or two passes up to 3-4mm, creating a level surface. Leave to stiffen before sponge floating, leave for another few minutes before closing in with a Nela Plastic Flex Trowel (or similar) to produce a smooth finish.

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

### On Insulation Boards

Apply Solo in two passes of approximate equal thickness to a total depth of 8-12mm, the second to be applied within 4 hours of the first. 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. 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 Nela Plastic Flex Trowel (or similar) to produce a smooth finish. Do not over-work the surface as this may lead to fine cracking.

### On Plaster Board

Apply the plaster in one pass up to 3-4mm, 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 Nela Plastic Flex Trowel (or similar) to produce a smooth finish.

### Curing

Allow at least 2 weeks drying time during which time the plaster should be protected from rapid or forced drying. Lightly spray each coat with water if it is hot or the product is drying out too quickly.

### Decoration

Allow approx. 2-3 weeks drying time before decorating with a breathable paint. We recommend and supply Beeck Insil mineral paint and Earthborn Clay Paint. Contact The Lime Centre for further advice or information about breathable paints.



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## Safety Data

### Hazard Statements:

- Causes skin irritation.
- Causes serious eye damage.
- May cause respiratory irritation.

### Precautionary Statements:

- Keep out of reach of children.
- Wear protective gloves/protective clothing/eye protection/ face protection.
- In case of contact with eyes, rinse carefully with clean water for several minutes. In relevant cases, take out contact lenses if possible. Seek professional assistance for a Doctor (Hospital).
- If in contact with skin wash abundantly with soap and water.
- Avoid breathing dust/spray.
- If inhaled remove person to fresh air and keep at rest in a position comfortable for breathing.
- Dispose of contents via conventional waste management facilities. Before disposal NHL lime should be made inert by wetting to induce hardening and bags should be completely emptied

### Control Measures:

- Corrosive to brass and aluminium.
- Keep away from strong oxidising agents.
- Prevent alkaline run off from entering storm drains.



### Lime Green Products Ltd

Coates Kilns, Stretton Road, Much Wenlock, TF13 6DG  
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### EN 998-1

### General Purpose Plastering Mortar (GP)

Compressive Strength class	CS II
Reaction to fire:	Class A1
Water vapour diffusion coefficient:	$\mu$ 12
Adhesion:	0.35 N/mm <sup>2</sup> FP:B
Thermal Conductivity p=90%:	0.76 W/mK