



# THE LIME CENTRE

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

- Forte is a render base coat designed for new build.
- It is finished with Tradirend supplied in a range of colours.
- Lime Green Forte is elastic, durable and salt resistant.
- Forte contains white cement and additives for excellent adhesion, impact resistance, fast setting and ease of use.
- Forte is designed for new build dense blockwork.



### Packaging

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

### Coverage

A 25kg bag will cover approx. 1m<sup>2</sup> at 15mm thick. This does not include any allowance for wastage.

### Surface Preparation

Remove dust, surface contaminants and loose or friable existing render/plaster. Where necessary consolidate. Ensure masonry is not water proofed or painted, do not apply PVA. Dampen the surface with a mist spray in sufficient quantity to reduce excess suction.

### Mixing/Water Addition

Add the whole bag of Forte into a drum or forced action mixer, carefully avoiding creating excessive dust. Add 4-5 litres of clean water per bag. Mix for up to 10 minutes in a mixer, or use a mechanical whisk for 2-3 minutes, stand for 10 minutes, then mix once more before application. Do not add anything other than clean water.

### Application

Applied in one coat of 15mm on straight walls in unexposed locations. Applied in two coats up to 20mm for uneven walls or exposed locations.

Reinforcement should be used on backgrounds that may move, eg all corners of openings, or at junctions of dissimilar materials, in some cases the whole surface is meshed.

Fibre mesh (9mm x 10mm) is embedded into the first basecoat by applying in 2 passes with the mesh trowelled in between passes. Fibre mesh overlaps at no less than 100mm. The mesh can be doubled up at corners, around openings with pieces being trowelled with plaster against the surface before application of the basecoat and further mesh.

Each coat must be scratched to give a good mechanical key before further coats are applied. Dampen down the surface prior to coating. A second Forte coat maybe applied after the previous has adequately cured, usually 2-4 days. Ensure it is thinner than the first. Key the final coat of Forte whilst still green with a nail or devil float before applying the topcoat of Tradirend.

**Temperatures:** above 5°C and below 30°C

**Reworking:** 1.5 hours

**Further coats:** after 2 to 7 days, once the coat has stiffened/hardened, but is still green.



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## **Curing**

Prevent all coats from drying out too rapidly. Lightly spray each coat with water if it is hot or the product is drying out too quickly.

Protect from adverse conditions such as frost, rain, etc.

Adequate curing of a final decorative coat should be more stringent, ideally using a fully sheeted scaffold when outside.

## **Finish Coat**

Finish with 5mm of Tradirend available in a range of colours

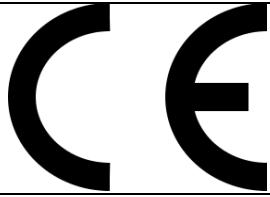
## **Performance Data**

Test	Result	Standard
Water Vapour Perm. Coefficient (u)	0.77g x m <sup>2</sup> x h xmmHg	EN1015-19
Flexural Strength @ 28days M/mm <sup>2</sup>	0.9	EN1015-11
Modulus of elasticity @28 days Mpa	8000	
Compressive strength @28 days N/mm <sup>2</sup>	CSII	EN1015-11
Capillary water absorption kg/ m <sup>2</sup> .min	W1	EN1015-18
Adhesion N/m m <sup>2</sup>		EN1015-12
Bulk Density (Dry) grams / litre	1400	EN1015-10
Shrinkage @ 28 days mm/m	0.5	
Thermal Conductivity w/m.K	0.5	EN1745
Soluble salts content	< 0.3%	



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**Lime Green Products Ltd**

**EN 998-1**

**Prescribed General Purpose (GP) Render  
and Plaster for internal and external  
use**

#### **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.