



THE LIME CENTRE

The Lime Centre Ltd, Hazeley Road, Morestead, Winchester, Hampshire SO21 1LZ
Tel: 01962 713636 | info@thelimecentre.co.uk | www.thelimecentre.co.uk

Product Name: Thermocromex

- A new build one-coat lime render for blockwork with subtle natural patina in a range of colours.
- Specially formulated to work on all backgrounds, including lightweight cement block and clay blocks.
- A fast application technical monocouche render.
- Excellent waterproofing, low capillarity, high elasticity.

Sand Grading

TF 0-1.3mm

F 0-1.8mm

Colour

Wide range of options– see Colour Chart

Packaging

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

Yield/Coverage

1 x 25kg bag covers 105m² at 10mm thick

1 x 25kg bag covers 1m² at 15mm thick

Mixing/Water Addition

Add between 4.5 and 5 litres of clean water per 25kg bag. Mix for a maximum 10 minutes.

Preparation, Application & Curing

Clean and remove all dust. Adequately dampen dry or high suction surfaces. On properly prepared background offering adequate keying, cast on or spray up to 10mm in one pass for floated finishes or 15mm for a scratch finish. Finish with wood float or sponge float after 2-3 hours or more depending on weather conditions.

On waterproofed or smooth backgrounds spray or cast on a stipple coat of about 3 mm adding 500 grams of SBR per 25kg bag of product.

Temperatures: above 5^o and below 30^oC

Reworking: Not possible

Required Thickness: Floated finish 10mm. Scratch finish 15mm.

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 cover if required with damp hessian.

Protect mortar against the effects of drying winds, strong sunlight, rain and frost. In cool weather cover fresh mortar with protective sheeting to help avoid frost damage.

Ideally use a fully sheeted scaffold.

Bulk Density

Average Bulk Density:
Dry:1450kg/m³: +/-100

Performance

| Product type | | |
|--|------------|------------|
| Compressive strength N/mm ² 28 days | 1.0 to 2.0 | CSTB |
| Compressive strength N/mm ² 91 days | 4 to 6 | CSTB |
| Flexural Strength N/mm ² @28 days | 2 to 2.5 | Meruc R 4 |
| Fire resistance | Class A | |
| Elasticity module MPa | 4000-6000 | Meruc E 3 |
| Vapour permeability 0.772 g x m ² x h x mmHg | 0.772 | EN 1015-19 |
| Capillarity g/dm ² .min1/2 | 1-2.5 | Meruc C2 |



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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.



CHAUX ET ENDUITS DE SAINT ASTIER

La Jarthe

24110 Saint-Astier - France

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EN 998-1

ONE COAT RENDER (OC)

N° DoP- THERMOCROMEX-002

| | |
|---------------------------------|---------------------------------|
| Reaction to fire: | Class A1 |
| Resistance to compression: | CS III |
| Adhesion after cycles: | ≥0,3 N/mm ² -FP: ABC |
| Water absorption: | W2 |
| Water vapour permeability: | μ0,12 |
| Thermal conductivity: | 0,54 (in-between value) |
| Water permeability after cycles | ≤0,12ml/cm ² |
| Durability: | N/A |