



# THE LIME CENTRE

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

- A new build lime render for blockwork with a fine texture in a range of colours.
- Applied onto blockwork after one to two coats or Nature Basecoat.
- Excellent waterproofing, low capillarity, high elasticity.
- NEW BUILD BENEFIT: Thermocromex can also be applied onto cement boards in local areas such as bay windows, or domers, after a preparation coat of Prependuit.

### Sand Grading

TF 0-1.3mm

### Colour

Wide range of options– see Colour Chart

### Packaging

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

### Yield/Coverage

Thermocromex: 1 x 25kg bag covers 3m<sup>2</sup> at 5mm thick  
Nature Basecoat: 1 x 25kg bag covers 1m<sup>2</sup> at 15mm thick

### Surface Preparation

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

### Application

On waterproofed or smooth backgrounds such as cast lintels, spray or cast on a stipple coat of about 3 mm adding 420 grams of SBR per 25kg bag of product.

Apply Thermocromex once the Forte base coats have had sufficient time to cure. Usually 3 - 4 days.

Thermocromex should be applied to a straight, flat, dampened surface up to a depth of 5mm. Avoid over working. Finish with a wooden float and leave open textured or dress with a sponge to close off the surface.

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

**Reworking:** Not possible

### 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 against the effects of drying winds, strong sunlight, rain and frost. Ideally use a fully sheeted scaffold.

### Bulk Density

**Average Bulk Density:**  
Dry:1450kg/m<sup>3</sup>: +/-100

### Performance

Product type		
Compressive strength N/mm <sup>2</sup> 28 days	1.0 to 2.0	CSTB
Compressive strength N/mm <sup>2</sup> 91 days	4 to 6	CSTB
Flexural Strength N/mm <sup>2</sup> @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 <sup>2</sup> x h x mmHg	0.772	EN 1015-19
Capillarity g/dm <sup>2</sup> .min1/2	1-2.5	Meruc C2



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## 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**

**05**

**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 <sup>2</sup> -FP: ABC
Water absorption:	W2
Water vapour permeability:	μ0,12
Thermal conductivity:	0,54 (in-between value)
Water permeability after cycles	≤0,12ml/cm <sup>2</sup>
Durability:	N/A