



SAINT-ASTIER

LIME, LIFELONG EXCELLENCE

THERMOCROMEX®

ONE COAT COLOURED RENDER



THE + BENEFITS

- ◆ QUICK AND EASY TO APPLY
- ◆ SPRAYABLE
- ◆ EXCELLENT VAPOUR PERMEABILITY
- ◆ EXCELL CERTIFICATION, A+ AIR QUALITY

SUITABLE FOR

- > Concrete (after preparation)
- > Cellular concrete (without primer)
- > UNE EN 771.1 supports
- > OSB panels: consult us
- > Concrete panels

PACKAGING

25 kg bag
40 bags per pallet (1T pallet)

PRODUCT COMPOSITION

One coat render based on Saint-Astier® hydraulic lime, mineral fillers and specific additives.

SHELF LIFE & GUARANTEE

1 year from date of manufacture, protected from moisture and in its original, unopened packaging. Manufacturer civil Responsibility.





PREPARATION OF SUBSTRATE

- > Healthy, dust-free aerated concrete substrates do not need to be primed.
- > Remove: Dust, dirt, formwork oil.
- > Pre damp the surfaces the day before. For clay brick masonry, dampen again one hour before rendering and as the work progresses.
- > Smooth concrete surfaces must be sanded, washed and primed with a latex resin.
- > On absorbent substrates or substrates with differences in the absorption of its constituents, our renders should be applied in two passes in order to regulate the base, the first pass never being less than 7 mm, and should be hard enough but still plastic (green on green). A base coat should be applied in the case of heterogeneous masonry (at least 2 materials of different natures and/ or irregular masonry joints greater than 15 mm).

- > The final thickness of the one coat render should be 12 to 15 mm on soft masonry and 15 to 18 mm on ordinary masonry. It should not exceed 25 mm in any one place.
- > If the rendering has to be under DPC level (max. 0.60 m), a capillary break must be made 15 cm from the ground by cutting the rendering and then caulking with an appropriate mastic.
- > To cover the capillary break in the masonry, a reinforcing mesh must be embedded in the first pass of this rendering.

PREPARING THE MORTAR

	ADD 4.5 TO 5 LITRES OF WATER per 25 kg bag
	MECHANICAL MIXING : 5 to 10 minutes

Bag of THERMOCROMEX® 25Kg
 10 litre bucket of water

COLOURS AND GRAIN SIZES

- > Wide choice of colours, see our colour chart : <https://www.stastier.co.uk/natural-lime-chromalime-colours/>
- > Available grain sizes: TF and M.

RECOMMENDATIONS

- > Apply between 5° and 30°C. Do not apply during periods of frost.
- > Do not apply if frost is forecast within 24 hours or ensure the structure is sufficiently protected.
- > Follow the dosage and drying time between coats.
- > Use the appropriate tools for finishing.
- > Avoid applying strong colours below 8°C to reduce the risk of efflorescence.

BEST PRACTICE & THICKNESS

- > The fresh mortar is sprayed in 2 passes (green on green): stipple + decorative finish, directly onto the masonry substrate.
- > A bonding coat must first be applied to uneven masonry.

CONSUMPTION

1.5 to 1.6 kg / m² per mm thickness.

FEATURES

One coat render Class CS II / Wc2

CHOICE OF THICKNESS FOR ONE COAT RENDER DEPENDING ON THE FLATNESS OF THE SUBSTRATE

	Flatness of mortar-bonded masonry	
	Prepared masonry (Dubbed out masonry) Flatness: 7 mm under a 2 m straight edge Unevenness: 5 mm under a 20 cm straight edge	Unprepared or Original masonry Flatness: 10 mm under a 2 m straight edge Unevenness : 7 mm under a 20 cm straight edge
One coat render technique (for 2 passes)	Flatness of «thin joint» masonry	
	Prepared masonry (Dubbed out masonry) Flatness: 5 mm under a 2 m straight edge Unevenness: 2 mm under a 20 cm straight edge	Unprepared or Original masonry Flatness: 7 mm under a 2 m straight edge Unevenness: 5 mm under a 20 cm straight edge
Average thickness	12 to 15 mm	15 to 18 mm
Minimum thickness	Minimum thickness at any point: 10 mm	
Maximum thickness	Must not exceed: 25 mm If flatness does not allow it, a preliminary base coat must be applied on the substrate	