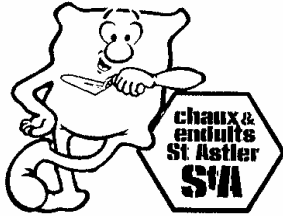


Product Data



St. Astier Limes and Mortars for New Build

THERMOCROMEX – one coat render for blocks

A ready mixed render based on Natural Hydraulic lime specially formulated to work on all backgrounds, especially those with high suction, ***including light weight cement blocks, clay blocks and bricks***, to achieve excellent waterproofing, low capillarity, high breathability, elasticity and vibrant coloured finishes. Substantial savings in cost of painting and maintenance can be made.

Technical Data		Test Std. CSTB & BS998
Dry Density (Hardened)	1450g.l ± 100g / l	Meruc M 4
Elasticity moduli 28 days	Between 4000 and 6000 MPa	Meruc E 3
Compressive Strength 28 days	Between 4 and 6 N/mm ²	CSTB
Flexural Strength 28 days	Between 2 and 2.5 N/mm ²	Meruc R 4
Water Retention (on paste)	94% (± 2%)	Meruc U 4
Vapour Permeability	1.61.10 ⁻⁹ kg/m ² sPa (0.772 g/m ² /h/ mmHg)	EN1015-19
Capillarity	Between 1 and 2.5 g/dm ² .min ½	Meruc C 2
Thermal Conductivity	0.54 W.m.K	EN1745
Fire Resistance	Class A (all uses)	

Packing: in 30 kg. bags / 49 bags per pallet (1.47T)

Available in medium grain (M/O-3mm) or fine grain (F/O-1.8mm) or very fine (TF/O-

Colour Range: 12 std colours with 24 colours made to order. Please consult us; samples, colour trays and printed colour charts on request. Can be supplied in a custom colour.

Storage/shelf life: in dry store, up to 12 months from production date. Reseal opened bags a.s.a.p

Consumption: 1.6/1.7 kg. per mm of thickness per m².

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Mortar preparation: add between 5.5 and 6 (max) litres of clean water per bag of 30 kg. Mix for 5 to a maximum of 10 minutes. Do not mix by hand. Add a consistent amount of water to every bag. Suitable for use with different types of rendering machines; please consult us for correct settings and application.

Application recommendations:

Aerated concrete blocks

Apply in 2 passes, no more than 6 hours apart. Aerated concrete blocks must be gently damped before application. A scratched finish must be used (Do not float or sponge). The final finish should be 12mm to 25mm, allowing 3mm extra to be scratched off.

Clay Blocks

Apply in 2 passes, no more than 6 hours apart. The final finish should be 12 to 25mm.

Other backgrounds (Concrete blocks, bricks etc.)

Apply in 1 pass of 15 to 20mm. Where necessary, gently mist spray masonry before application to control suction. On waterproofed or smooth backgrounds spray or cast on a 1st bonding coat of about 3 mm adding 0.5 litres of SBR per bag of product.

Straighten the work immediately after with an appropriate tool. Float (sponge, wooden or plastic) after 1-3 hours or more depending on weather conditions. For textured finishes scrape the surface between 4-24 hours after application.

Do not work in temperatures below 5°C or above 30°C. Protect fresh mortar from rain, frost or strong drying wind. In hot weather, dampen the background adequately and cure the work by applying a light water mist several times for a period of 72 hours. Note that floated finishes appear lighter in colour than scratched finishes.

The above details are given for general information purposes and do not constitute a specification.