

THERMOCROMEX - one coat render

See: **COLOUR CHART - ONE COAT USER GUIDE - THERMOCROMEX Application Recommendations**

A fast application and finishing ready mixed mortar based on Natural Hydraulic lime specially formulated to work on all backgrounds, including light weight cement blocks, clay blocks, bricks and stone, to achieve excellent waterproofing, low capillarity, high breathability, elasticity and vibrant coloured finishes. Can be supplied to a custom colour with substantial savings in cost of painting and maintenance.

Technical data		Test std. CSTB & EN/BS 998.1
Dry Density (hardened product)	1450g.l +/-100g/l	Meruc M 4
Elasticity moduli 28days	Between 4000 and 6000 MPa	Meruc E 3
Compressive strength 28 days	Between 4 and 6 N/mm ²	CSTB
Flexural strength 28days	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 x m ² x h x mmHg)	EN 1015-19
Capillarity	Between 1 and 2.5 g/dm ² .min1/2	Meruc C 2
Thermal conductivity	0.54 W/m.K	EN 1745
Fire resistance	Class A (all uses)	
Granulometry:	TF 0 - 1.3 mm F 0 - 1.8 mm M 0 - 0.2.5 mm G 0 - 4.0 mm	

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

Colour Range: please ask your St. Astier distributor.

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.

Mortar preparation: add between 5.5 and 6 (max) litres of clean water par bag of 30 kg.Mix for maximum 10 minutes.



See: **COLOUR CHART**

Application recommendations: on properly prepared background offering adequate keying, cast on or spray on a minimum of 10 mm in one pass for floated finishes or a minimum of 15 mm if a scratched finish is required. On waterproofed or smooth backgrounds spray or cast on a 1st bonding coat of about 3 mm adding 500 grams of SBR per bag of product. Straighten the work immediately after with an appropriate tool. Float (sponge, wooden or plastic) after 2-3 hours or more depending on weather conditions.

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.

When Thermocromex is applied as a finishing coat on an existing backing coat, the maximum thickness for floated finishes is 5-6mm or 6-8mm for scratched finishes. Please refer to: [Thermocromex application recommendations](#)

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

For further Guidance, contact your St Astier Distributor.

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