



**ECOMORTAR®**  
SUSTAINABLE PURE LIME MORTARS

TECHNICAL DATA SHEET

## FINISH

FINISHING COAT / POINTING MORTAR

## THE BENEFITS

- + VAPOUR PERMEABLE
- + HIGH ELASTICITY
- + DESIGNED FOR TRADITIONAL MASONRY



SEE  
COLOUR  
CHART

25  
KG

BS EN  
998-1

TYPE  
CR

### SUITABLE FOR

- > Rendering, finishing coats
- > Pointing

### PACKAGING

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

### PRODUCT COMPOSITION

Dry mix mortar made with pure Saint-Astier® lime, sand and specific additives.

### SHELF LIFE & GUARANTEE

One year from production date if protected in the original packaging and stored in dry conditions.  
Manufacturer civil responsibility.

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 **SAINT-ASTIER**  
LIME, LIFELONG EXCELLENCE

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### PERFORMANCE

ESSENTIAL SPECIFICATION		EcoMortar® FINISH	Units
Dry density		1,400	kg/m <sup>3</sup>
Compressive strength	at 7 days	0,3	MPa
	at 28 days	1,2	
	at 90 days	2,2	
Elasticity modulus		5,000	MPa
Vapour permeability		0,85	g/(m <sup>2</sup> .hour.mmHg)
Capillarity		1 to 2	g/(m <sup>2</sup> .min <sup>-1/2</sup> )

### MIXING

Mix for 4 to 5 minutes with a whisk mixer (450 to 500 rpm). High-speed mixers (more than 500 rpm) are not recommended as they can over-mix the product and modify its performance. Manual mixing is not recommended.

### WATER ADDITION

**Granulometry TF** : 4 to 4,5 litres per 25 kg bag.  
**TF** : 0-1,3mm (80 % passing sieve 0,8 mm)

**Granulometry EF** : 4,5 to 5 litres per 25kg bag  
**EF** : 0-0,8mm (80% passing sieve 0,6mm)

### CONSUMPTION/THICKNESS

**Renders**: 1.6kg per mm of thickness per m<sup>2</sup>.

**Pointing**: 80 linear metres for 10x20mm joints per 25kg bag.

When used as a finishing coat, make sure that the base coat is level, dry and sufficiently hardened to accept the finishing coat.

### WORKING TEMPERATURE

Not below 8°C or above 30°C. Dampen the substrates the day before and prior to application, allow the surface water to be reabsorbed. Avoid rapid drying due to high temperatures and/or strong winds by covering and curing with a light water mist as necessary. Protect wet mortars from frost for at least 10 days after application. Reseal open bags as soon as possible.

### HEALTH & SAFETY

Consult safety data sheet for each product before use. Special care should be taken to prevent dust from becoming airborne. The use of ventilation and wet methods are recommended. Always use appropriate safety equipment (gloves, mask, safety shoes...).



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**Chaux de Saint-Astier**  
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### SUITABLE SUBSTRATES

- > Saint-Astier® dry ready-mix base coats (ECOMORTAR® series)
- > Saint-Astier NHL3.5 and NHL5 base coat.

### PREPARATION OF THE SUBSTRATE

The substrate must be in good condition, clean and dust free. On existing renders, all paint, organic material and synthetic skins must be removed and any cracks and/or hollow spaces should be treated. Soluble salts should also be treated before the finishing coat is applied. Allow sufficient drying time for any repairs made.

Dampen the wall the day before. Check on the day of application whether the substrate is still sufficiently damp and, if necessary, dampen one hour before application. The substrate must be level but sufficiently rough to ensure good adhesion.

### APPLICATION

- > Manually with trowel
- > Mechanically with a render gun

### POSSIBLE FINISHES

#### Scratched finish

Apply a layer of 12 to 15 mm, lay flat and allow to cure for 2 to 6 hours (drying time may vary depending on absorption, thickness, finish and weather conditions). Scratch with a pin float (devil float), once it's dry and brush with a soft brush.

#### Floated finish

Apply a layer of 10 mm, smooth and level and allow to cure for 2 to 4 hours. Float with a wood/plastic/sponge float. Once dry, brush with a soft brush if necessary.

#### Smooth finish

Apply a layer of 5 to 8 mm maximum, level and allow to set for 2 to 4 hours depending on weather conditions.

- > Scratch with a pin float ( devil float)
- > Immediately trowel with a damp sponge trowel, applying light pressure, this will leave a layer of «milk of lime».
- > Then immediately pass an iron float
- > **NOTE:** The finished appearance of the same colour reference is lighter with a smooth finish than with a rough finish.

### CHAUX DE SAINT-ASTIER®

The characteristics and indications are the result of intensive work by our technical department, always respecting the general technical standards of construction. Our recommendations on application and characteristics are intended to assist in the choice of our product but do not constitute any contractual legal relationship. In particular, they do not exonerate the user or the technical management from the obligation to check the suitability of the product for its use. In the event of mixing the mortar with other products (aggregates, pigments or other elements), Chaux de Saint-Astier cannot be held responsible for any possible damage.

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