



ECOMORTAR®

SUSTAINABLE PURE LIME MORTARS

TECHNICAL DATA SHEET

BASE

BEDDING MORTAR / BASE COAT RENDER

THE BENEFITS

- + VAPOUR PERMEABLE
- + DESIGNED FOR TRADITIONAL MASONRY
- + EASY TO MIX AND TO APPLY



25
KG

GB EN
998-1

SUITABLE FOR

- > Bedding
- > Base coat for external lime render

PACKAGING

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

PRODUCT COMPOSITION

Dry mix mortar made with Saint-Astier® limes

SHELF LIFE & GUARANTEE

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

BASE

BEDDING MORTAR / BASE COAT RENDER



PERFORMANCE

ESSENTIAL SPECIFICATION		EcoMortar® BASE	Units
Dry density		1,400	kg/m ³
Compressive strength	at 7 days	1,2	MPa
	at 28 days	1,9	
	at 90 days	3,6	
Elasticity modulus		5,000	MPa
Vapour permeability		0,85	g/(m ² .hour.mmHg)
Capillarity		1 to 2	g/(m ² .min-1/2)

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.

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.

WATER ADDITION

4 to 5 litres per 25kg bag.

CONSUMPTION/THICKNESS

1.7 to 1.8 kg per mm of thickness per m².

HEALTH & SAFETY

Consult safety data sheet for each product before use. Find more information at stastier.co.uk/working-with-ecomortar/. 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...).