



ECOMORTAR®
SUSTAINABLE PURE LIME MORTARS

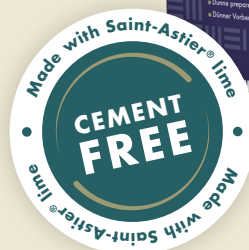
TECHNICAL DATA SHEET

ECOMORTAR® R100

PARTIAL REPAIR / RESURFACING

THE BENEFITS

- + **STRONG BOND WITH LOW ABSORPTION SUBSTRATES**
- + **HIGH ELASTICITY**
- + **SUITABLE FOR RESURFACING**
- + **LOW SHRINKAGE**



**20
KG**

**BS EN
998-1**

SUITABLE FOR

- > Internal and external use.
- > Waterproofed surfaces, painted surfaces, metal, masonry, terracotta, ceramic tiles, plasterboards, drywall, cement renders.

Before applying, always make an adherence test on a small area.
Please contact us to discuss external use

PACKAGING

- > 20 kg bag
- > 56 bags per pallet (1T120 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.

ECOMORTAR® R100

PARTIAL REPAIR / RESURFACING



PERFORMANCE

ESSENTIAL SPECIFICATION	EcoMortar® R100	Units
Dry density	1,200 to 1,400	kg/m ³
Water retention	86 to 90	%
Shrinkage	< 1	mm/m
Compressive strength at 28 days	4 to 5	MPa
Thermal conductivity	0.76	W/(m.K)
Elasticity modulus	6,000 to 8,000	MPa
Vapour permeability	0.71	g/(m ² .hour.mmHg)
Capillarity	0,8 to 1	g/(m ² .min ^{-1/2})
Bonding strength	> 1	MPa

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

4.25 to 4.75 litres per 20kg.

CONSUMPTION/THICKNESS

1.6kg per mm of thickness per m².
Maximum thickness: 10mm per coat.

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...).

