

KALAMUA®

FRENCH
MANUFACTURING

**PLASTER & RENDER FOR HEMP
BLOCK AND HEMPCRETE**



THE + BENEFITS

- + GOOD WATER VAPOUR PERMEABILITY
- + GREAT WORKABILITY
- + SUITABLE FOR HEMP BLOCKS AND HEMPCRETE SUPPORTS
- + MECHANICAL APPLICATION POSSIBLE

SUITABLE FOR

- > Exterior and interior : rendering and plastering on approved hemp blocks and hempcrete made with Saint-Astier binders.

PACKAGING

25 kg BAG
56 bags per pallet (1T pallet)

COMPOSITION

Composed of Saint-Astier® hydraulic lime, mineral fillers, specific additives and pigments.

SHELF LIFE & GUARANTEE

One year from production date, if protected in the original packaging and stored in dry conditions. Reseal open bags as soon as possible. Manufacturer Civil Responsibility.



by



SAINT-ASTIER
LIME. LIFELONG EXCELLENCE

**25
KG**

**RENDRING
MORTAR
NF 998-1**

**TYPE
MORTAR
OC**

EXCELL
+



- Hempcrete made with Batichanvre® and listed hemp.
- Approved hemp blocks.

- Dampen the substrates the day before and prior to application. Allow the surface water to be reabsorbed.

Mix for 3 to 5 minutes in pan type concrete mixer, drum mixer or 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.

The application of this one coat render is carried out in two passes.

- The first pass is applied to a thickness of 8 to 12mm in which a 10x10mm fibreglass mesh is embedded. The vertical and horizontal overlap between strips must be at least 10cm. Reinforcing mesh should be used for the inside corners of windows and door soffits.
- The second pass must be applied as soon as the first pass has firmed up and no more than 2 to 6 hours after the first application. The thickness of the second coat should be 8 to 12mm.

If the second pass is applied the next day, the first pass must be adjusted with a devil float or similar to be sufficiently rough to ensure good adhesion.

The total thickness of the render, after finishing, should be between 15 and 20mm.

<p>MIXING RATIO</p>	<p>KALAMUA RENDER</p>
<p>MECHANICAL MIXING</p>	<p>  1 + 4,5/5,5 litres of water </p>
<p>AVERAGE CONSUMPTION</p>	<p>Between 3 and 5 minutes</p> <p>1,5 to 1,7kg / m² / mm thickness</p>

Scratch or sponge finish.

- > Not below 5 °C or above 30°C.
- > 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

- Mechanical application is possible, consult our Technical Application Document.

