



# SAINT-ASTIER

LIME, LIFELONG EXCELLENCE

## Sanimur®

MASONRY SANITATION MORTAR



## THE + BENEFITS

- Sanitises masonry with saltpeter
- Absorbs and stores salts
- Ensures the durability of your building
- Unctuous and easy to use

### SUITABLE FOR

Restoration/sanitation mortar (R), according to standard NF EN 998-1, for saltpeter and damp masonry. Before starting, always try on a small test area.

### PACKAGING

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

### PRODUCT COMPOSITION

Saint-Astier® hydraulic lime, selected aggregates 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.

25  
KG

NF-EN  
998-1

TYPE  
R



## PERFORMANCE

Essential specification	Standards	Norm	Sanimur®
Air content	> 20%	NF EN 1015-7	25%
Water retention	> 85 %	DIN 18555-7	> 92%
Capillarity	> 0,3	DIN V 18550	0,8
Water penetration	< 5 mm	Chapter 6.3.7 WTA 2-9-04/D	2 mm
Vapour permeability $\mu$	< 12	DIN 52615	10
Porosity	> 40%	Chapter 6.3.9 WTA 2-9-04/D	> 40%
Resistance to salts	Satisfied on test	Chapter 6.3.10 WTA 2-9-04/D	Satisfied on test

## BACKGROUND

- > Masonry
- > Bricks, stones grouted with a mortar of low resistance

### Excluded substrates:

- > Adobe, cob
- > Submerged masonry
- > Ashlar masonry with thin joints

## RECOMMENDATIONS

- > Draining the foot of the wall is recommended in order to regulate the rise of moisture by capillarity as it will significantly contribute to the sanitation of the masonry.
- > Treat the area at least 1 metre above the trace of humidity and in cases where there is a problem of uniformity, cover the full height of the section of wall being treated.
- > The thicker Sanimur® is applied, the longer its sanitation function will last.
- > It is always preferable to treat both sides of the wall.
- > If the masonry is waterlogged, a treatment to dry out and/or to regulate the rise of capillarity can be proposed before covering with Sanimur®.

## SUBSTRATE PREPARATION

- > Carefully remove all previous existing mortar and clear the joints over a minimum of 3 cm. Eliminate dust by brushing and blowing. For masonry repairs (reinforcements), these should be carried out with SANIMUR®.
- > When possible, desalinate the masonry; always remove crystallised salts from the surface.
- > Galvanized reinforcement must be laid for applications greater than 3 cm. Wire diameter should be at least of 1.4 mm and protected against corrosion.
- > Cracks in the structure must be repaired adequately beforehand.

## APPLICATION

Mix for 4 to 6 minutes with a mechanical 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.

- > If necessary, moisten by spraying before application and let the surface dry out.

- > The use of a spraying machine is preferable.
- > Fill the joints until they cover the stone by at least 5 mm, float the mortar at the bottom of the joint. Leave the surface rough enough to facilitate the adhesion of SANIMUR®.
- > After 24 hours, apply a minimum of 20 mm of SANIMUR®.
- > If covering with a finishing coat, notch the surface of the undercoat to improve adhesion. The finish can be applied after a minimum drying time of 14 days.

## CONSUMPTION/THICKNESS

1,3 kg per mm of thickness per m<sup>2</sup>.

## FINISHING

- > Sanimur can be left raw or scratched and if desired, it can also be coloured with a coat of Saint-Astier lime paint. Alternatively, Sanimur can be finished with Saint-Astier NHL2 or NHL3.5 or with our ready-mixed mortar, EcoM-Finish. It can be a sponge or scratch finish with a thickness between 5 to 7mm.

**NOTE:** Sanimur® may show traces of moisture due to rising capillary water, but this does not lead to the appearance of saltpeter. These traces demonstrate the good permeability of the mortar.

## WORKING TEMPERATURE

Not below 8°C or above 30°C. Dampen the substrates the day before and again, prior to application, allowing 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

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...).