

RÉNOPASS CHAUX CLAIR

LIME RENDER BODY
FOR RENOVATION



LIME RENDER BODY FOR RENOVATION

- **Natural white**
- **RÉNOPASS CHAUX** system ideal for the renovation and restoring of old masonry
- **Respects heritage buildings**
- **Can remain uncovered**
- **Applicable in thick coats**
- **Applicable up to the exterior finished floor level**

PROJECT SOLUTIONS TO BE
CHECKED OUT ON P. 120 TO 123



Excell Gold Label®

Suitable for the wine-producing environment



* These products have been awarded the Excell Gold Label for their high quality requirements which exceed applicable regulations on indoor air emissions.

PRODUCT INFORMATION

Consumption

15 to 16 kg/m² and per cm of thickness.

Storage

18 months in its unopened original packing, out of contact with the ground, in a dry, temperate and slightly ventilated area.

Packaging

25 kg bag - 48 bag pallet

SPECIFICATIONS AND PERFORMANCES

Appearance: white powder

Composition: selected mineral fillers, lime, small quantities of hydraulic binders and additives

PERFORMANCE MEASURED AT +20°C	
Adherence on concrete	≥ 0.2 MPa
Compressive strength	CS II
Capillarity	W2
Water vapour permeability	μ ≤ 35
Fire behaviour	A1 (incombustible)

FIELD OF USE

Purpose

Lime render body for the renovation and straightening of old masonry.

Finishes

- RÉNOPASS CHAUX GF or GM.
- Paint.
- Thick mineral coating.
- Can remain uncoated if applied in 2 coats.

Authorised bases

- New masonry: Rt1, Rt2 or Rt3, as per the NF-DTU 26.1 - April 2008 standard; terracotta bricks (including Monomur bricks), light or common aggregate concrete blocks.
- Old masonry of the following types: stones mounted using weak mortar, old brick, loam, adobe, cob, clinker.
- Masonry rendered using a sub render of a compressive strength greater than or equal to CS II.

Unauthorised bases

- Very weak mechanical strength renders, such as "pure lime" renders.
- bases treated with a surface water repellent.
- Plaster based render.
- Organic coatings of all types (paint, TPC, TMC, facade waterproofing).
- Horizontal, pitched or in-ground external parts.

APPLICATION

Reference documents

- NF-DTU 26.1 - April 2008 (Performance mortar)
- CE marking

Application conditions

- Application temperature: +5°C to +30°C.
- Do not apply to a frozen base or if there is any risk of freezing in the hours after application.

Precautions for use

In order to protect your health and the environment, and for the safe use of this product, follow the precautionary advice that is featured on the packing label. You can find the safety instructions for this product on the Safety Data Sheet (SDS) available on quickfds.com.

Base preparation

- The base must be clean, sound and free of any non-adhesive parts or areas that could prevent adhesion (for example: release oil, drying products, etc.).
- Soak the base (except loam, adobe, cob and clinker) until it saturates the day before. Before rendering, check that the base is wet in-depth but not seeping on the surface.
- Mechanical masonry joints/wall ties and joints between heterogeneous bases:
Bridge them using a glass mesh embedded in the 1st coat of render, as per NF-DTU 20.1 and 26.1.
- Brick or absorbent stone masonry:
Strip the pointing to a depth of about 25 mm.
Wash with pressurised water.
- Very hard and non-absorbent stone masonry and heterogeneous masonry:
Strip the pointing and wash with pressurised water.
Fix a galvanised mesh (compliant with the NF A 91- 131 standard) using rust-proof nails.
It is mandatory to create a base prepared coat using **VPI LATEX***.
- **Terracotta brick masonry:**
Soak quickly but not excessively less than half an hour before rendering, or as rendering progresses.
This soaking is regardless of the ambient weather conditions.
- **Loam, adobe, cob, clinker:**
Never wet the base.
Carefully brush the base.
It is mandatory to create a base prepared coat using **VPI LATEX***.
The next day, fix a galvanized mesh (compliant with the NF A 91-131 standard) using rust-proof nails.

• On clinker:

The mesh can be fixed before the application of the base coat.

* To prepare a base coat using **VPI LATEX**: Mix a liquid render using a solution of diluted **VPI LATEX** (1 volume of **VPI LATEX** for 3 volumes of water).

Apply without overloading the base (3 to 5 mm).

Leave its surface rough to facilitate the adhesion of the render.

Leave to dry for 2 to 7 days before applying the render.

Product preparation

- Mix in a batch mixer or concrete mixer.
- Water/powder ratio: 4.5 to 5 L of water per 25 kg sack.
- Mixing time: 5 min. Keep the same duration for each mix

Application

WORKABLE TIME AT +20°C	
Working life	About 1 hour
Time between base coat and render body	2 days minimum
Time before application of RÉNOPASS CHAUX GF or GM	12 h (for a thickness of 12 to 15 mm) 4 to 7 days (for a thickness of 15 to 30 mm)

• Render body on stone without mesh:

Apply a 1st coat of **RÉNOPASS CHAUX CLAIR** render which must fill the pointing and cover the bare stones by a thickness of about 5 mm.

Level the render using a rule, leaving the surface rough.

Then apply the mineral facing render **RÉNOPASS CHAUX GF** or **RÉNOPASS CHAUX GM**.

• Body of render on base coat with mesh:

Apply **RÉNOPASS CHAUX CLAIR** sufficiently thickly to properly coat the mesh.

Level the render using a rule, leaving the surface rough.
Maximum thickness per application: 30 mm.

If greater thicknesses are required, proceed in several applications without ever exceeding 50 mm in total.
Re-wet the surface, then apply mineral facing render **RÉNOPASS CHAUX GF** or **RÉNOPASS CHAUX GM**.

• Body of render on base coat without mesh:

Apply **RÉNOPASS CHAUX CLAIR** in one layer 12 to 15 mm thick.
Level the render using a rule, leaving the surface rough.

Wait at least 12 hours before applying the finish.
Re-wet the surface, then apply mineral facing render **RÉNOPASS CHAUX GF** or **RÉNOPASS CHAUX GM**.

Finishes

	LAYERS		
	Render body	Render finish	Thin finish
White	RÉNOPASS CHAUX CLAIR	RÉNOPASS CHAUX CLAIR	-
Fine scratched, floated, rough, rough crushed	RÉNOPASS CHAUX CLAIR	RÉNOPASS CHAUX GF	-
Medium scratched, floated, rough, rough crushed	RÉNOPASS CHAUX CLAIR	RÉNOPASS CHAUX GM	-
Thin finish	RÉNOPASS CHAUX CLAIR	RÉNOPASS CHAUX CLAIR	Paint or TMC

- Clean the tools with water while the product is fresh.