

RÉNOPASS CHAUX GF/GM

LIME RICH
MINERAL FACING
RENDERS



LIME FACING RENDERS

- **RÉNOPASS CHAUX system**
- **Ideal for restoring old masonry**
- **Render body, finishing and re-pointing**
- **Applicable down to the exterior finished ground level**
- **Available in medium grain (GM) or fine grain (GF)**

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

As a decorative render:

Finishing	Consumption
Medium scratched (RÉNOPASS CHAUX GM) Fine scratched (RÉNOPASS CHAUX GF)	11 kg/m ²
Rough sprayed or Rough crushed (RÉNOPASS CHAUX GM or RÉNOPASS CHAUX GF)	9 kg/m ²
Floated (RÉNOPASS CHAUX GF)	9 kg/m ²
Mechanically sprayed (RÉNOPASS CHAUX GM)	5 to 6 kg/m ²

For pointing:
7 to 12 kg/m², depending on the pointing width and depth.

Colours

59 colours

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

Supply

RÉNOPASS CHAUX GM and RÉNOPASS CHAUX GF are available in all regions. To obtain a consistent colour, it is recommended to only use products with the same batch number on a same facade, as the render colour may vary depending on the manufacturing process.

SPECIFICATIONS AND PERFORMANCES

Appearance: coloured powder

Composition: selected mineral fillers, lime, a small quantity of hydraulic binders, additives and mineral pigments

PERFORMANCE MEASURED AT +20°C	
Adhesion on RÉNOJET CLAIR	0.3 MPa
Modulus of elasticity	4,500 MPa
Compressive strength	CS II
Capillarity	W2
Water vapour permeability	$\mu \leq 35$
Fire behaviour	A1 (incombustible)

FIELD OF USE

Purpose

- Decoration of facades and interior walls of all types of building.
- Can be substituted for **RÉNOJET CLAIR** or **RÉNOPASS CHAUX CLAIR** to create the render body.
- ETICS system finishes.

Authorised bases

- For facing:
Render body providing base waterproofing, such as **RÉNOPASS CHAUX CLAIR** or **RÉNOJET CLAIR**, **TRADIBÂTARD GM BLANC** or **GRIS**, or **TRADIROC**.
- As a render body (to replace **RÉNOJET CLAIR** or **RÉNOPASS CHAUX CLAIR**).
- For pointing:
Stone masonry, including old masonry built using weak mortar (see NF-DTU 26.1 - April 2008).
- **RÉNOPASS INTER** (intermediate sub-render).

Unauthorised bases

- Very weak mechanical strength renders, such as "pure lime" renders.
- Bases treated with a surface water repellent.
- Plaster based render.
- Paint.
- Organic decorative render.
- Horizontal, sloping 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.
- Dark colours: +8°C to +30°C.
- Do not apply in wet weather to avoid white blooming.
- Do not apply if there is a risk of freezing in the hours following 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

- For facing:
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.

Smooth surface: prick it to roughen its surface.

- As a render body (to replace **RÉNOJET CLAIR** or **RÉNOPASS CHAUX CLAIR**).
- For pointing on old bases:
Strip the pointing to a minimum depth of 10 mm. Remove the damaged elements, replace them and re-seal them using a C2S class adhesive mortar.
Dust the base.
The day before the application, wet the base until it saturates.
- For pointing on new bases:
The masonry must have been erected for at least 3 weeks. The base must be clean, cohesive and non-powdery. The day before the application, wet the base until it saturates.

Product preparation

- Mix in a batch mixer or concrete mixer.
- Water/powder ratio:
 - **RÉNOPASS CHAUX GM**: 4.2 to 4.7 L of water per 25 kg bag
 - **RÉNOPASS CHAUX GF**: 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

- For facing, "medium scratched" finish (**RÉNOPASS CHAUX GM**) or "fine scratched" (**RÉNOPASS CHAUX GF**):
Apply a coat of render of about 8 mm.
Level using a rule and tighten it carefully.
As soon it has sufficiently drawn, scratch it evenly using a nail float or the edge of a trowel.
- For "floated" facing finish (**RÉNOPASS CHAUX GF**):
Apply a coat of render of about 5 mm.
Straighten using a rule.
As soon it has sufficiently drawn, float it.
- For "rough sprayed" or "crushed" finish facing (**RÉNOPASS CHAUX GM** or **RÉNOPASS CHAUX GF**):
Apply a coat of render of about 5 mm.
Straighten using a rule.
As soon it has drawn sufficiently, create the grain, which can be crushed with a float to obtain the "crushed" finish.
- "Mechanically sprayed" finish facing:
Spray the render perpendicular to the surface.
Then spray it at an angle in one direction and then in the other direction to create the structure.
- As a render body (to replace **RÉNOPASS CHAUX CLAIR** or **RÉNOJET CLAIR**).
- For pointing:
Pack the pointing generously using a pointing iron or a pump. Tighten it using a trowel or a pointing iron.
As soon as the render has started to draw, clean the stone or quarry stone using a wire brush.
Porous stone and quarry stones: let the pointing dry for at least 3 weeks, then treat the facade with a water-repellent suitable for this use.
- Clean the tools with water while the product is fresh.