

RÉNOPASS INTER

THIN INTERMEDIATE
AND RENOVATION
SUB RENDER



RENOVATION ON OLD PAINT, TPC AND RENDERS

- ✓ **Easy application: manual or machine**
- ✓ **Fibred**
- ✓ **No stripping or meshing required**
- ✓ **Wide choice of possible finishes**
- ✓ **Time before finishing: 12 hours**

**PROJECT SOLUTION TO BE
CHECKED OUT P. 124-125**



FIBRED



PRODUCT INFORMATION

Consumption

1.5 kg/m² per mm of thickness.

- Smooth base: 4.5 to 7.5 kg/m² for 3 to 5 mm.
- Rough base: 7.5 to 10.5 kg/m² for 5 to 7 mm.

Storage

1 year in the original closed packaging not in contact with the ground, on dry, temperate and minimally ventilated premises.

Packaging

25 kg sack - 48 sack pallet

SPECIFICATIONS AND PERFORMANCES

Appearance: grey powder

Composition: selected mineral fillers, cement, lime, additives, mass water repellents and fibres

Mixed product pH: 12

PERFORMANCE MEASURED AT +20°C

Adherence on concrete	≥ 0.25 MPa
------------------------------	------------

FIELD OF USE

Purpose

- Fibre-reinforced interlayering and straightening render renovation:
 - of old paints, old organic decorative coatings, old hydraulic renders
 - of old stoneware and small sized glass paste coverings (maximum dimensions 2 x 2 cm and 5 x 5 cm)
- Renovation of the exterior facing of individual houses made of thin concrete panels.

Finishes

- **Single-layer; semi-lightweight renders OC1 and OC2**
MONOPASS GF/GM
MONOCAL GF/GM
MONOCAL BLANC POLAIRE
ENDUNI
- **Lime mineral facing renders**
RHÉAJET
RÉNOPASS CHAUX GF/GM
- **Thick plastic or thick mineral coatings**
CRÉPILOR T, TM, GT or GF
CRÉPILANE T or TM
LITHOCOLOR T or F
CRÉALANE T and CRÉALANE MODELABLE
- **Paint**
FLEXODERM
ESPINT

Authorised bases

- Rendered masonry, coated with old paint, TPC, TMC or glass paste and stoneware (maximum dimensions 2 x 2 cm or 5 x 5 cm).
- Private houses made of thin concrete slabs with an old organic or hydraulic finish.
- Masonry waterproofed using hydraulic render.
- Cast concrete walls compliant with the NF P 18-210 / DTU 23-1 standard.

Unauthorised bases

- External thermal insulation systems (ETICS).
- Bases covered with flexible coatings of the I1, I2, I3, or I4 type.
- All flexible coverings.
- Bases requiring the application of a waterproofing system.
- Bases treated with a surface water repellent.
- Bases covered with gloss, glycerol, flexible paints.
- Bases coated with silicate TMC.
- Bases covered with a plaster render ("pure plaster" or mixed with lime).
- Horizontal base or base pitched at less than 45° from horizontal.
- In-ground parts.

APPLICATION

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

In all cases, it is essential to carry out soundings on the existing coating beforehand. The purpose of this preliminary study is to validate or not the application of **RÉNOPASS INTER** without scouring or stripping off the existing surface.

If the surface areas to be treated are larger than 500 m², the preliminary study must be carried out by a third party (specialised project manager or inspection office).

- **For incompatible coating following the tests:** remove all existing coating.

- **For compatible coating following the tests:**

Clean all the coating surface using a high-pressure cleaner with a rotating nozzle.

- **For coatings that have plant pollution (moss, algae, fungi, etc.):** Treat using an anticryptogamic solution.

In general, the bases must be sound, dry, clean and free of all substances that do not adhere well or that may hinder adherence.

- **General measures:**

All upper edges of the rendering system must be protected by suitable accessories (flaps, covers).

Any junction of the render with materials of a different type must be treated using **BANDE DE DESOLIDARISATION**.

Product preparation

Mix using a slow speed electric mixer or in a batch mixer.

- Water/powder ratio: 5.2 to 6.2 L of water per 25 kg sack.
- Mixing time: 5 min.

Application

WORKABLE TIME AT +20°C	
Working life	About 1 hour
Time between applications	16 hours minimum
Time before finishing	12 hours minimum

BASE CONDITION	RÉNOPASS INTER APPLICATION
Healthy base - Smooth	2 to 3 mm max. in 1 application, 5 mm in locally
Healthy base - Rough	5 to 7 mm in 2 applications
Base with spot repair areas*	1 st application embedding the TISSU DE VERRE mesh over the repair zone using a U6 serrated comb 2 nd application smoothed or serrated using a V3 comb depending on the finish

- * For occasional cracks, embed a fibreglass mesh over the areas to be repaired. This bridging should extend at least 10 cm on either side of the treated area. If the cracks are close together, treat the entire facade using **TISSU DE VERRE**.

Finishes

	APPEARANCE OF RÉNOPASS INTER BEFORE FINISHING
OC1 single-layer semi-lightweight renders Hydraulic lime facing render	Notched
TPC - TMC Optional base regulator depending on the finish	Smoothed
Paints	Smoothed

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


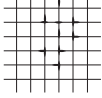



Test tables

See following pages.

TESTS TO BE CARRIED OUT AS PART OF THE PRELIMINARY STUDY

TEST TYPES	TEST DESCRIPTION	RESULTS	BASE TYPE				
			Masonry rendered with hydraulic render coated with an organic covering	Masonry waterproofed using hydraulic render	Cast concrete with an organic coating	Rendered masonry, coated with a glass paste or stoneware type finish (max. size 2 x 2 cm or 5 x 5 cm)	Thin concrete slab finished with an organic coating (individual house)
TEST 1 APPEARANCE OF THE COATING BY VISUAL INSPECTION AND SOUNDING	Visual analysis of the existing coating.	The coating must be in good condition (no cracks, micro-cracks, chips or flaking). The existing organic coating must not be flexible.	qualifies	qualifies	qualifies	qualifies (if more than 10% of the total surface area is damaged, provide for total removal of the existing covering)	qualifies
TEST 2 ASSESSMENT OF THE EXISTING COVERING ADHESION USING A DRY GRID (AS PER NF EN ISO 2409)	Using a cutter, make cuts in the coating down to the base: at least 6 vertical and 6 horizontal parallel cuts spaced 2 x 2 mm for paint or 5 x 5 mm for organic decorative render.	Results considered good for classes 0, 1 and 2 in the table opposite.	qualifies	does not qualify	does not qualify	does not qualify	does not qualify
TEST 3 VULNERABILITY TO WATER OF THE COVERING BY WETTING WITH A SPONGE	The covering is wet for 30 minutes by a sponge soaked in water. Remove the sponge and wait 10 minutes before analysing.	Positive results if no swelling and softening of the covering is observed.	qualifies	does not qualify	does not qualify	does not qualify	qualifies
TEST ASSESSMENT OF EXISTING COVERING ADHERENCE BY WET GRID	The covering is wet for 30 minutes by a sponge soaked in water. Remove the sponge, wait 10 minutes before testing. Using a cutter, make cuts in the coating down to the base: At least 6 vertical and 6 horizontal parallel cuts spaced 2 x 2 mm for paint or 5 x 5 mm for organic decorative render.	Results considered good for classes 0, 1, 2 and 3 in the table opposite.	qualifies	does not qualify	does not qualify	does not qualify	qualifies

GRID TEST RESULTS CLASSIFICATION (EXCERPT FROM THE NF EN ISO 2409 STANDARD)

CLASSIFICATION	DESCRIPTION	APPEARANCE OF THE GRIDDED AREA WHERE FLAKING HAS OCCURRED (example of 6 parallel cuts)
0	The edges of the cuts are perfectly smooth. None of the grid squares in the grid have come off.	
1	Small flakes of the coating have come off at the cut intersections. Less than 5% of the grid area is impacted.	
2	The coating has flaked off along the edges and/or at the cut intersections. More than 5% of the grid area is impacted but less than 15%.	
3	The coating has flaked off along the cut edges in part or in whole in wide bands and/or has flaked off in part or in whole at various points in the grids. A grid area of more than 15% but less than 35% is impacted.	
4	The coating has flaked off along the cut edges in wide strips and/or some squares have partially or completely come off. A grid area of more than 35% but less than 65% is impacted.	
5	All degrees of flaking that cannot be classified as 4.	-

