

PRB RÉNOMUR PÂTE



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Pre-Mixed Paste Base Coat

The PRB RÉNOMUR PÂTE +

- + Specified for use on external wall insulation systems and render boards
- + For use on paint/thick paint coating refurbishment without stripping
- + Avoids the use of harmful and polluting solvents



SYSTEM

DEFINITION

PRB RÉNOMUR PÂTE is a refurbishment system for external facades covered with an existing old and/or recent unpainted hydraulic render or covered in decorative paint (D2), (D3) or a TPC.

PRB RÉNOMUR PÂTE is composed of:

- A base layer of ready to use paste, whether reinforced or not, applied at a thickness of 2 mm in 1 layer and maximum 3 mm in 2 layers.
- TPC or paint finish.

AUTHORISED SUBSTRATES

RENDERS USED* 1

- ✓ (traditional or single-coat) with a surface condition that is:
 - **Regular:** Floated, rubbed, finely scratched.
 - **Irregular:** Coarsely scratched, as sprayed, crushed or not.

PAINT* 2 and 3

- ✓ That has a surface condition that is:
 - **Regular:** Smooth.
 - **Irregular:** Coarsely or finely scratched, as sprayed, crushed or not.

TPC* 2 and 3

- ✓ That has a surface condition that is:
 - **Regular:** floated, ribbed.
 - **Irregular:** rolled.

*1 on small element masonry (concrete blocks, brick, etc.) and/or cast concrete walls.

*2 on traditional and/or single-coat render applied on small element masonry (concrete blocks, brick, etc.) and/or cast concrete walls.

*3 on levelling and/or directly on cast concrete walls.

PRB RÉNOMUR PÂTE Système techniques:

- Applicable on healthy facades of which the render has no damaged zones or zones suffering from a pathology (flaking, blistering, damp, etc.) under the paint or the TPC.
- To be excluded on facades of which the surfaces have loose and/ or damaged areas of render under the TPC (substrate condition not covered by this technique).
- On existing substrates (stone or ashlar assembled using weak mortar) that are rendered and then covered with paint or a TPC: contact us.

Technical sheet - May 2023

The only purpose of this technical data sheet is to inform customers about the product and its specific uses. The information it contains is based on current knowledge and experience. The end user must carry out a representative test to ensure the product is suitable for their specific application and no responsibility can be accepted, or any warranty given by our Representatives, Agents or Distributors. Our general terms and conditions of sale shall prevail, and the end user should check to ensure this document has not been replaced by a more updated version.

SYSTEM

DIAGNOSIS

Check the proper adhesion of the paint or TPC as well as the absence of blistering, looseness, flaking or damp by careful general sounding. Grid test per facade mandatory (paint and TPC).

VISUAL APPEARANCE

- Micro-cracked and crazed: < 2/10th mm.
- Cracked: > 2/10th mm but < 20/10th mm.
- Wide cracks: > 20/10th mm.

SOILING

- Biological (soiling, green staining, etc.)
- Urban pollution (exhaust fumes, atmospheric pollution, industrial pollution, etc.)

SUBSTRATE PREPARATION

FACADE SANITISATION TREATMENT

- For biological soiling: PRB ACTI FLASH followed by cleaning using a high pressure water cleaner.
- For urban pollution: cleaning using a high pressure water cleaner with the possibility of adding a detergent suitable to eliminate the diagnosed pollution type, followed by rinsing.

FOR AS-SPRAYED AND MECHANICALLY SPRAYED RENDER

Mechanically flatten the surface using a diamond disk sander to obtain 5 mm maximum hollows, then wash thoroughly to eliminate sanding residue.

FOR ROLLED TPC

Mechanically flatten the surface using a diamond disk sander to obtain 5mm maximum hollows, then wash thoroughly to eliminate sanding residue.

CRACK REPAIRS

- **Micro-cracking and crazing < 2/10th mm:** Leave as is.
- **Cracks > 2/10th mm but < 20/10th mm:** Open the cracks using a grinder, thoroughly remove the dust and fill them using PRB Rénomur Poudre.
- **Wide cracks > 20/10th mm that impact the masonry substrate:** Clear the crack down into the substrate over a width of 2 to 3 cm, clean it, remove the dust and refill using **PRB TP REPAR (R2)** or **SOFAREX**.

PRELIMINARY TREATMENT OF SPECIAL ZONES

To be covered and perfectly embedded in a layer of PRB Rénomur Pâte using 2 applications:

- Pre-meshed PVC corner beads (**CORNPVCTOIL23** and/or **TOIL 30**). **Location:** On all outer angles and on the outer window sill angles on facades.
- Pre-coated corners with drip profiles (**CORNPVCGOUT6**). **Location:** On all overhanging lintels and horizontal overhangs (beams) on facades.
- Patches (**TDMOUCHCHANGREN**) or patches (30 x 40 cm rectangles) first cut from 4 x 4 mm glass mesh (**AVN**). **Location:** To be placed diagonally to the window bays on facades.

PRB RÉNOMUR PÂTE SYSTEM APPLICATION

PREPARING PRB RÉNOMUR PÂTE

There is no preparation, the product is contained in a tub of ready to use paste.
If necessary, soften the mixture using a mixer.

Application method: manual using a stainless steel smoother.

HEALTHY SUBSTRATES

(no cracks and flaking)

Apply the PRB RÉNOMUR PÂTE render using a stainless steel smoother in 12 mm layer maximum.



Healthy painted substrate
(no cracks and flaking)

SUBSTRATES

(crazed repaired)

Apply the **PRB RÉNOMUR PÂTE** render using a stainless steel smoother at a thickness of 3 mm maximum in 2 fresh on fresh applications or after a 24 hour wait embedding a PRB mesh 4 x 4 glass fabric reinforcement.



Irregular substrate
(crazed and repaired)

Time before finishing: Depending on drying (dry to the core) from 24 hours to several days depending on weather conditions.

PRB RÉNOMUR PÂTE SYSTEME SURFACE CONDITION

For thin finishes:

- **PRB RÉNOMUR PÂTE** smooth and flat finish.



Healthy painted substrate
or covered with TPC
(no cracks and flaking)



Irregular painted substrate
or covered with TPC
(crazed and repaired)

COMPATIBLE FINISHES (see product technical sheets)

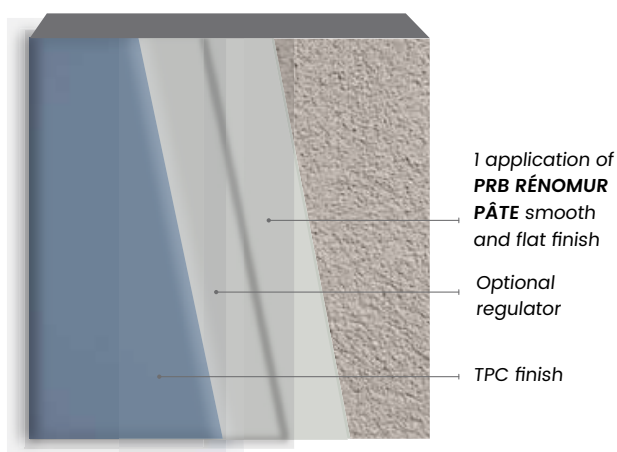
TPC (Thick Paint Coatings)

Optional: First apply PRB CREPIFOND G base regulator (300 g/m²).

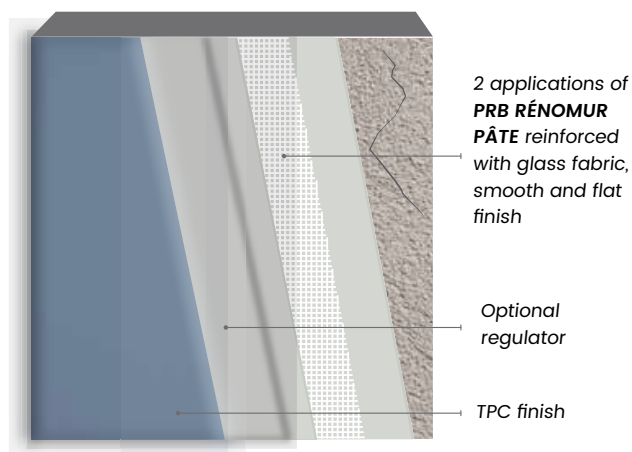
Minimum consumption:

- **PRB CREPIMUR**
F: 2.1 kg/m².
M: 2.2 kg/m².
G: 3.5 kg/m².
- **PRB CREPIMUR Souple**
M: 2.3 kg/m².
G: 3.5 kg/m².
- **PRB CREPIMUR SOUPLE F SILOXANÉ:** 1.5 to 2 kg/m².
- **PRB CREPIRIB**
F: 2 kg/m².
G: 3 kg/m².
- **PRB CREPILIS Sous Couche:** 1.5 kg/m².
 +
 • **PRB CREPILIS Finition:** 0.8 Kg/m².
- Or only as a finish:
 - **PRB CREPILIS Sous Couche:** 1.5 kg/m².
 - **PRB CREPOXANE:**
F: 2.1 kg/m²
M: 2.5 kg/m².
 - **PRB CREPISIX M:** 2.5 kg/m²

Example: Thin render finish (TPC).



**Healthy painted substrate
or covered with TPC
(no cracks and flaking)**



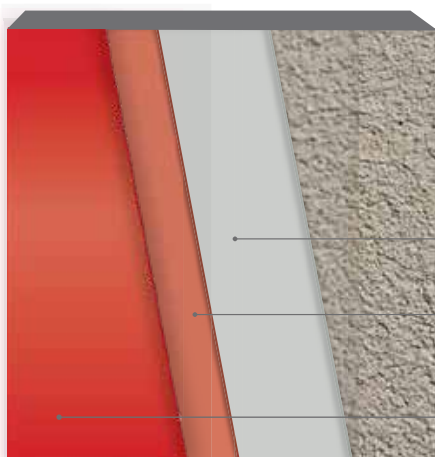
**Irregular painted substrate
or covered with TPC
(crazed and repaired)**

PAINTING PRB RÉNOMUR PÂTE

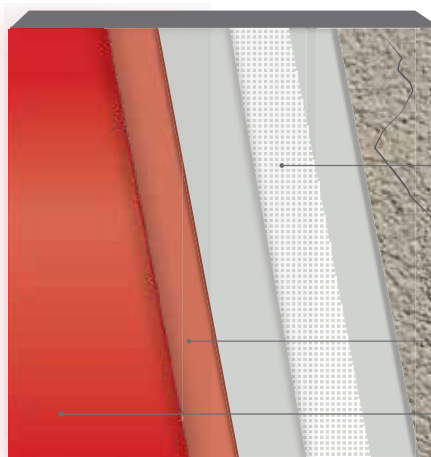
Decorative painting of the PRB RÉNOMUR PÂTE base-layer:

Application of 2 coats of pure paint using a roller or a brush:

- PRB COLOR ACRYL D2: 2 x 250 g/m².
- PRB COLOR SILOCRYL D2: 2 x 250 g/m².
- PRB COLOR SILOXANE D2: 2 x 250 g/m².
- PRB COLOR SILOFLEX D3: 2 x 350 g/m².
- PRB COLOR LITE HYDRO: 2 x 200 g/m².
- PRB COLOR MAX RÉNO: 2 x 350 g/m².



Healthy painted substrate or covered with TPC (no cracks and flaking)



Irregular painted substrate or covered with TPC (crazed and repaired)

SPECIAL AREAS

- In order to limit risks of cracking, it is essential to provide separation joints at the hard point level to prevent contact with the base-layer and finish.
- These spaces over the hard points will be filled using a PRB MASS CRYL + or PRB MASS MS hybrid.
- The building expansion joints will also be respected and covered with commercial profiles provided for this purpose.
- The shell partitioning joints can be covered using the system without any special treatment.
- If these are imposed by the client, they will be treated by a perfectly straight cut of the base-layer and finish, treated using a suitable profile intended for this purpose in the same way as an expansion joint.

PRECAUTIONS FOR USE

- Read the regulatory labelling on the package.
- Read the safety data sheet before using.
- The ambient temperature when using the products must be between + 5°C and + 30°C
- Do not apply in wet weather, in direct sunlight or on frozen or thawing substrates.
- Refer to the Technical sheet and instructions.

TECHNICAL SUPPORT

- P.R.B. provides a technical support service for and at its customers request that aims to give advice or assistance when a product is first used during project start-ups.
- Its intervention within the framework of a demonstration cannot substitute the signatory company's own liability for work on the project or structure concerned, in particular in terms of substrate acceptance or structural design.

GUARANTEES

- Manufacturer's civil and professional liability
- The use of this product requires the knowledge of trade practices for their intended purposes and knowledge of applicable regulations.
- The recommendations and indications in this document come from our experience. Therefore, considering any technical developments, our customers are responsible for checking that this document is still valid by contacting our services