

PARINTER RENOVATION

- No need to strip paint and acrylic finishes
- No need to scrape old renders
- Large choice of added finishes

1/3

INTERMEDIATE AND DRESSING MORTAR



DEFINITION

Intermediate and dressing lime mortar for the renovation of old sound or cracked hydraulic rendering, even if covered with paint or acrylic finishes.

Creates an undercoat suitable for subsequent decorative coatings: lime washes, thin decorative facings, decorative semi-lightweight renders or alkali-resistant exterior paints.

FINISHES

- Floated
- Coarse trowelled or with notched tool

PROPERTIES

Its composition and optimised adhesive properties ensure its compatibility with a large number of non-porous or smooth substrates (organic coatings, hydraulic renders and concrete) and allow for the application of a decorative coating.

- Lime washes: CALCILANE BADIGEON, CALCILANE ANTICO, SILICANE PEINTURE.
- Thin facings: CALCIDECO, CALCILANE ENDUIT.
- Decorative renders: PAREXAL, PARLUMIERE FIN, MOYEN or CLAIR, MONOREX, MONOBLANCO.
- Alkali-resistant exterior masonry paints.

SUBSTRATES

SUITABLE SUBSTRATES

- Rendered masonry, including if covered with a thin-film (<300 µ) paint (pliolite or acrylic), or with an acrylic finish that has passed the preliminary exploratory tests of organic coatings.
- Concrete conforming to the NF P18-210 standard / DTU 23-1.
- Small, thin concrete tiles used for renovation.
- Small, vitrified ceramic or vitreous paste tiles: 5 x 5 and 2 x 2 cm.

In all cases, a preliminary identification of the substrate and appropriate preparation must always be carried out according to the requirements set out in the specifications.

UNSUITABLE SUBSTRATES

- External insulation systems.
- Substrates covered by:
 - Painted or waterproofed acrylic finishes, several coats of paint or acrylic finishes over paint
 - Mineral paint (washes containing lime or silicates) or thick mineral coatings containing silicates
 - Glyptal paint: gloss or flexible semi-thick coatings
 - Impermeable and flexible coatings
 - Surfaces with water-repellent and graffiti-resistant coatings.
- Exposed substrates, angled at more than 10° from the vertical.
- Lower walls subject to rising damp.

SPECIFICATIONS

Composition

- Non hydraulic lime, hydraulic admixtures and a special binder. (Non hydraulic lime/binder: 50% by volume).
- Calcareous and siliceous sand – 1.5 mm.

Performances

- Water absorption: W1.
- Compressive strength: CS IV
- Class: GP

INSTRUCTIONS

PARINTER RENOVATION and the associated finishes must be applied according to the recommendations of its specifications.

Substrate preparation

- Thoroughly wash and brush to remove dirt and grease.
- Check soundness and remove any loose, powdery or hollow-sounding parts.
- Treat and repair damaged areas with TRADIREX, PARLUMIERE CLAIR or PARLUMIERE STH: to be adapted according to the substrate.
- Flatten out uneven areas on textured surfaces.

- If a hydraulic render has been painted or covered with an acrylic finish, it is compulsory to carry out all of the preliminary identification tests of the coating in order to check its compatibility with PARINTER RENOVATION (cf. specifications and preliminary identification tests).
- If the coating is compatible, wash it at high pressure (140 bar) with a rotating nozzle and allow it to dry for 48 hrs.
- If the coating is incompatible, it must be completely removed prior to application.

Tools

- Manual application: trowel, no. 12 notched float, broad rendering knife, electric drill or concrete mixer.
- Mechanical application: serrated straight edge, 8 to 10 bar rendering machine (water) - nozzle diameter: 8 or 10 mm.

Product preparation

- Water content: 5.5 to 6.2 litres per 30 kg bag
- Mixing time:
 - Machine: 5 mins
 - Drill: 3 mins
 - Concrete mixer: 5 to 7 mins

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2/3

INTERMEDIATE AND DRESSING MORTAR

APPLICATION

Depending on the condition of the substrate, 1 or 2 passes may need to be applied, with or without a TV 10 reinforcement mesh embedded in the first coat.

Appearance of substrate	Application
Smooth	3 to 5 mm in 1 pass
Rough	5 to 8 mm in 2 passes
Isolated cracks	Embed a TV10 reinforcement mesh over the cracked area in the first coat of PARINTER RENOVATION, followed by a 2nd pass*.
Frequent cracks	Embed a reinforcement mesh in the PARINTER RENOVATION, covering the entire face wall*.

*These provisions ensure the spreading of stresses without excluding the risk of cracking if the substrate moves.

- Hard spots must be removed and treated with 613 LANKOCRYL acrylic mastic.
- Substrates must have dried for at least 24 hours before they can be finished with a mineral coating.

SURFACE FINISHES FOR PARINTER RENOVATION AND ASSOCIATED COATINGS

Surface before application of the top finish coat

From a notched tool	MONOREX, MONOREX GF, PAREXAL, PARLUMIERE CLAIR, FIN or MOYEN, MONOBLANCO.
From a float	CALCILANE BADIGEON or ANTICO, CALCILANE ENDUIT, SILICANE PEINTURE. Alkali-resistant exterior masonry paint
Roughened	CALCIDEKO

- The solar radiation absorption coefficient of finish colours must not exceed 0.7 (0.5 in mountainous areas).

APPLICATION REQUIREMENTS

- Application thickness without reinforcement mesh: 3 to 5 mm.
- Application thickness with TV 10 reinforcement mesh: 5 to 8 mm.
- Time before recoating: 24 hrs minimum to 48 hours.
- Thickness of decorative renders: 5 to 8 mm (8 mm after scraping or 5 mm plus the decorative texture).

CONSUMPTION

- **Smooth substrate: 5 to 8 kg/m² for 3 to 5 mm.**
- **Rough substrate: 8 to 13 kg/m² for 5 to 8 mm of thickness.**

INSTRUCTIONS FOR USE

- Product intended for use by qualified professionals.
- For projects exceeding 500 m² on organic facings, the identification of coatings shall be carried out by an official inspection body (NF DTU 42.1 P2).
- Dampen prior to application except on substrates totally covered by an organic finish. Keep dampening throughout the application if necessary and after applying the finish (24 to 72 hrs), in hot or windy periods.
- Protect face walls throughout the entire duration of works.
- Do not apply to frozen substrates or if there is a risk of frost.
- Application temperatures: +5°C to 30°C. Above +30°, take special precautions.

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SUMMARY OF PRELIMINARY IDENTIFICATION TESTS FOR ORGANIC COATINGS

To interpret the results, consult the recommendations in the Specifications and the identification sheet.



1 - Appearance

Application is only possible if the coating is sound, in good condition, is not flaking, is cohesive and adheres to the substrate. Check that there are not several layers of paint, a painted acrylic finish or an acrylic finish over paint.



2 - Sensitivity to water

• **Wetting:** Pour water over the face wall. The coating should become wet and a wet mark should appear. If the water runs off and forms beads without wetting the substrate, it has been waterproofed and is incompatible.

• **Soaking:** Keep a wet sponge float pressed against the face wall for 30 mins and note the behaviour: there should be no alteration, softening or swelling.



3 - Flexibility (resilience)

Cut out a 5 cm x 5 cm piece of coating and bend it slowly at 20°C. If the product remains flexible (bends without breaking), it is incompatible.



4 - Surface cohesion when dry and wet

Using a retractable utility knife, score the coating with 6 parallel horizontal and vertical incisions, **both when wet and dry**. Use the area soaked for 30 mins with the sponge float for the wet scoring. Paint: 2 x 2 mm criss-cross pattern.

Acrylic finish: 5 x 5 mm criss-cross pattern

At least 2 tests must be performed per face wall, both wet and dry, covering both lower and upper areas of the wall.

After brushing the test surface and removing any loose parts with adhesive tape, observe the damage. None of the squares should come loose (see Specifications and the identification sheet).



5 - Burning

Heat the coating with a blowtorch or heat gun. If the coating softens or burns with a strong smell, it is organic; otherwise it is a mineral finish (lime wash or silicate coating) and is incompatible. Scrape the heated coating with a painter's knife and examine all of the layers applied down to the substrate.



6 - Adhesion

There is no point performing this test on incompatible coatings and if the previous tests are negative.

On a clean and dry substrate, embed 80 cm of TV33 mesh into a coat of PARINTER RENOVATION, without overloading and leaving 10 cm of mesh exposed at the bottom. Smooth the surface and mark out the perimeter of the sample using a sharp tool.

After leaving to dry for 8 days, pull on the mesh to exert a tensile force by rolling the exposed part around a broom handle.

• **Positive test:** The render on the surface of the mesh breaks free and the mesh is recovered in a completely clean condition. The render remaining on the substrate is intact, adhering without any incipient cracks.

• **Negative test:** the render breaks free and parts of the substrate come loose, caught up in the mesh due to a lack of adhesion. The render still adhering to the substrate shows incipient cracking or is cracked.

Even if all the tests are positive, any suspect parts detected during high-pressure washing (140 bar) must still be stripped or picked off.

PACKAGING

30 kg bag.

SHELF LIFE

12 months from the date of manufacture in its original packaging, unopened, and stored protected from the damp.

WARRANTY

■ Manufacturer's P.L.

REFERENCE DOCUMENTS

- Manufacturer's specifications
- CERIB 09 DRI 707 Report
- DTU 26.1
- DTU 42.1
- DTU 59.1 and 59.2

The purpose of this data sheet is to provide information on the properties of the product. The information herein is based on our current knowledge. It is up to the user to check on the suitability of the product for the desired usage and to check whether this sheet has been replaced by a more recent edition.

TECHNICAL ASSISTANCE: ParexGroup S.A. provide information and assistance to companies that request it for starting a project in order to clarify specific requirements for the implementation of the product (or process). This assistance cannot be assimilated into either the design stage of the project, or the acceptance of the substrates, or to a check on the implementation rules.

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PAREXGROUP S.A. / Facade Department - 19 place de la Résistance - 92446 Issy les Moulineaux Cedex
Tel. (33) 01 41 17 45 45 - Fax (33) 01 41 17 19 55

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