



DEFINITION

Thin mineral and all-lime facing for finishing face wall coatings with fine worked facing.

Fine appearance: float, felt, trowel/spatula, iron, stucco or cut finishes.

PRODUCT PLUS POINTS

- Fine, matt and luminous appearance
- Forms a breathable, protective coating
- Longer service life than lime wash
- Naturally resistant to micro-organisms

SUBSTRATES

SUITABLE SUBSTRATES

- Mortar renders with hydraulic and non-hydraulic binders, conforming to DTU 26.1, such as PAREXAL, PARLUMIERE and PAREXLANKO grey waterproofing sub-renders.
- Gypsum lime mortars conforming to DTU 26.1, such as PARILIEN and PARILIEN FIN.

UNSUITABLE SUBSTRATES

- All paints.
- All organic or potassium silicate-based coatings.
- External Insulation Façade Systems

SPECIFICATIONS

Composition

- Binder: 100% non hydraulic lime Without hydraulic or pozzolanic admixtures.
- Fillers: calcareous and siliceous sand with adapted grading curves: 100% passing at 1.25 mm and 80% passing at 0.4 mm.
- Less than 1.5% organic admixtures
- Mineral pigments.
- Classification: mineral coating with lime, conforming to DTU 26.1 and FDT 30-808.

Performances

- Class: CR.
- Water absorption: W0.
- Compressive strength: CS I
- Flexible, low elasticity modulus: 2,500 MPa
- Compressive strength: 1.8 MPa
- Apparent density: 1,400 kg/m³

All results quoted are average values calculated from laboratory results obtained by standard procedures.

INSTRUCTIONS

Substrate preparation

- Sound, clean and dedusted.
- On existing renders: remove paints, organic coatings and chalkiness on renders. Replace loose renders, repair cracks and blistered areas 48 hours to 7 days before application, according to the type of mortar used for the repair. Treat rising damp due to capillary action with 232 PARINJECTION.
- Soak the substrate until saturated the day before and wet it again on the day of application, making sure the substrate is damp right through but dry on the surface.
- Substrates must have a flat appearance, but be rough enough to allow for good adhesion.
- To reduce the joint lines on very porous render, keep wetting as the work progresses or apply a primer consisting of 1 volume of FIXOPIERRE for 3 volumes of water (except for lime-gauged gypsum plaster).

Tools

- Manual application: trowel/ plastering trowel/float.
- Mechanical application.

	GRAVITY SPRAY GUN	HAND-HELD PLASTERING MACHINE	RENDERING MACHINE*
• Air flow		Min. 60 m ³ /hour	
• Air pressure		3 to 5 bar	
• Outlet diameter	Small and medium opening	14 mm (plate with 1 hole)	12 mm
• Pump pressure			8-10 bar water

* CALCIDECO can be machine-sprayed subject to precautions relating to a 100% non hydraulic lime render, which may solidify in the tank when allowed to rest, especially in very hot conditions.

Mix the product in 2 stages, allowing a resting time of 3 to 5 minutes between the two mixing operations. Pour out in small quantities or remix the solidified product, if necessary, which soon regains its fluid properties due to its thixotropic behaviour.

Product preparation

- Water dosage: 7 to 7.5 litres per 30 kg bag.
- Mixing time in concrete mixer: 5 to 7 minutes.
- Rendering machine: 1st mixing: 5 mins/rest: 3 to 5 mins /2nd mixing 1-2 mins.

THIN DECORATIVE LIME COATING

APPLICATION

OVER AN EXISTING RENDER:

- Cover the render, which has been soaked through, to a consistent depth of 3 to 5 mm (without exceeding 7 mm in patches) of CALCIDECO, levelled and squeezed, moving upwards over the substrate in 1 or 2 passes.

OVER A RENDER IN THE PATRIMOINE (HERITAGE) RANGE:

PARLUMIERE CLAIR

Apply CALCIDECO over the 2nd coat of PARLUMIERE CLAIR squeezed using a Berthelet finishing tool in order to produce a textured, laitance-free surface:

- a fresco (on fresh render): after stiffening
- a secco (on dried render): after total hardening and re-wetting

PARLUMIERE STH: approx. depth of coat: 5 mm.

CAUTION: decorative renders must finish 20 cm from the ground.

PARILIEN OR PARILIEN FIN

- **New render:** flat surface condition; cut finish is applied to the render using a Berthelet finishing tool. CALCIDECO is applied to the fresh render (maximum 24 hours) or after soaking right through if the render has already dried.
- **Old render:** after preparing the substrate, remove the calcareous deposits forming on the surface of the render and then soak through. CALCIDECO must be applied in one or two passes levelled with a broad coating knife to a consistent depth of approximately 5 mm. The finish texture shall be applied after 1 to 4 hours of drying, using the appropriate tool.

FINISHING

- Wait for 1 to 4 hours in order to create the desired finish using the appropriate tool (time varies according to absorption, thickness, finish and weather conditions).

OTHER FINISHES

- **Patinated with aqua fortis a fresco (fresh on fresh):** 1 to 4 hours after finishing, brush on a mixture of 1 volume of CALCILANE BADIGEON to 2 volumes of CALCILANE FOND with the addition of 1 to 2 volumes of water according to the desired transparency.
- **Stuccoed:** perform the final pass with a mixture of non hydraulic lime in a paste and natural earth colour or CALCILANE BADIGEON by squeezing the product when applying with a small plastering trowel.

COLOURING

- CALCIDECO can be customised by adding up to 300 g of natural earth colour per bag when mixing.

MINIMUM CONSUMPTION

- **1,4 kg/m² per mm of thickness.**

INSTRUCTIONS FOR USE

- Product intended for use by professionals.
- Prior to application and throughout the entire duration of the works, protect joinery, metal parts and glass.
- Protect face walls during the entire duration of works from wind, sun, rain, fog and spray with a protective screen and for 3 days after application.
- Do not apply to frozen or soaking wet substrates in rainy or foggy weather, or in high, warm and dry winds.
- Minimum application temperatures: +5°C for light colours and +8°C for strong hues. Above +30°, take special precautions.

CALCIDECO must be used and applied in accordance with the recommendations of this technical data sheet and DTU 26.1.

PACKAGING

30 kg bag: 2 paper covers and 1 polyethylene cover.
1.2 tonne covered disposable pallet.

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

■ DTU 26.1.

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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PAREXLANKO