

- RESTOARTION RENDER FINE GRAIN



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Restoration plaster
Respectful of old subsurface Low modulus of elasticity High lime content
Applicable in thickness: 10 mm to 5 cm
Manual and machine application

WATER DOSAGE

- ▶ 5 to 5.8 liters per 25 kg bag

MIXING TIME IN MIXER

- ▶ Concrete mixer : 5 à 7 minutes
- ▶ Pump : 5 minutes

CONSUMATION

- ▶ 1,4 kg/m² per mm minimum thickness

REERENCE DOCUMENTS

- ▶ NF EN 998-1
- ▶ **PAREXAL is the subject of a Patent**
Français N° 9604132
- ▶ Label Excell Plus Gold
- ▶ DTA 7/16-1667
- ▶ QB certificate

PAREXAL - Lime Render



DESCRIPTION

- Full-color restoration plaster, PAREXAL corresponds to a traditional plaster dosed at 350 kg / m³ of lime
- PAREXAL respects old media. Its high aerial lime content gives it great flexibility (very low modulus of elasticity) and high permeability to water vapor. It provides waterproofing in 10 mm thickness.
- PAREXAL can also be used to reline masonry (visible stone plaster), repointing bricks and facing stones.
- PAREXAL optimizes the attachment by "molding" masonry elements.
- It is applied in successive passes as soon as it has firmed up, allowing the finished coating to be produced during the day.
- Produced under DTA (7 / 16-1667).
- It is suitable for the wine environment: Label Excell Plus Gold.

FINISHING ASPECTS

- Floated
- Felted
- Scratched
- Chopped / cut
- Rustic
- Brush
- Can be customized on site by adding sand or natural soil.

SUB STRUCT

- **ELIGIBLE**
- Old masonry of rubble, bricks, natural stones including soft stones mounted with weak mortar (DTU 26.1)
- Old masonry coated with a body of lime plaster conforming to DTU 26.1 PARLUMIÈRE CLAIR or PARLUMIÈRE STH
- Constructions of rammed earth, adobe, clinker, cob, cob, hempcrete
- Masonry made with plaster-based mortar prepared with GOBETIS SPECIAL A
- Masonry coated with an underlayment conforming to DTU 26.1
- New masonry, concrete, concrete blocks, Rt3 and Rt2 bricks, hemp concrete and hemp blocks
- New masonry of hemp blocks
- (Refer to the PAREXLANKO Specifications)
- PARINTER RENOVATION
- Concrete
- Base coat for Hempcrete

EXCLUSIONS

- Plaster-based substrates
- Water-repellent substrates
- Coated exclusively with aerial lime
- Paints, thick plastic coatings
- Inclined or horizontal supports
- Aerated concrete

CHARACTERISTICS

- Tinted within the render
- **Composition;**
- **Binders:** hydraulic lime, aerial lime, hydraulic binders (hydraulic lime and aerial lime / binder ≥ 85% by volume)
- **Loads:** calcareous and siliceous sands
- **Light loads**
- **Organic additives:** <0.4%
- **Mineral pigments**
- **Particle size:** 0 - 2.5 mm

PERFORMANCES

- Type: OC2
- Compressive strength: CS 1
- Water absorption: Wc 2
- Reaction to fire: A1
- Apparent Density: 1,400 kg / m³
- Modulus of elasticity: 2,700 MPa
- Flexural strength (average at 28 days): 1 MPa
- Water vapor permeability: greater than 0.8 g / m². h. mm Hg.
- Water vapor permeability μ* : ≤ 12
- Sd value: about 0.12 m (for a thickness of 10 mm)

IMPLEMENTATION

The use and implementation of PAREXAL will be in accordance with D.T.A. 7 / 16-1667 and DTU 26.1.

Material

Manual application

- Trowel / float
- **Mechanical application**
- Spraying machine:
 - Pump pressure: 6 to 8 bars (water)
- Observe the filling volume of the machine
- **Concrete mixer - Projection pot:**
 - Air flow: 60 m³ / hour minimum
 - Air pressure: 4 to 6 bars

PAREXAL - Lime Render

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CONDITIONING

- ▶ Bags of 25 KG
- ▶ Pallets of 48 bags (1,2T)

CONSERVATION ▶ 12 Months

From the date of manufacture in original unopened packaging and stored in a dry place

GUARANTEE

- ▶ R.P. fabricant

■ Preparation of old substrate

- Probe the surfaces and remove all loose or non-adherent parts.
- Degrease the joints over 20 to 30 mm.
- Replace faulty elements.
- In the event of excessive defects, rework with PAREXAL at least 7 days before applying the plaster.
- The use of galvanized metal reinforcement may be necessary depending on the nature and condition of the masonry. It is mandatory for thicknesses greater than or equal to 30 mm.

Renovating old crumbly walls: apply a first coat onto the bare stones, cover as soon as it has set.

Treatment to be provided in case of humidity and sulfur

- Completely remove the existing plaster, purge the joints by approximately 30 mm.
- Make the sanitation underlayment with **PARLUMIÈRE STH**.

Crack treatment and reinforcement

- Make a grout of PAVERS LIME or HERITAGE LIME mixed with 314 LANKOFLUID (one dose of 350 ml per bag of lime).

Treatment of wood in the substrate

- Cover these parts with bituminous felt.
- Attach a TM20 REINFORCEMENT projecting 150 mm on either side with galvanized spikes.

Treatment of metal parts

- Remove all traces of rust.
- Apply the anti-rust primer 760 LANKOPASSIV.
- Attach a TM20 REINFORCEMENT projecting 150 mm on either side with galvanized spikes.
- **On raw earth masonry (adobe) and raw earth concrete (rammed earth, cob)**

Do not wash with water or moisten the earthen supports.

- Secure a TM20 frame using galvanized spikes.
- Make a first coat of PAREXAL mixed with 0.5 l of FIXOPIERRE or a milk from PAVERS LIME or HERITAGE LIME.
- Drying time for the first coat: 12 hours minimum.
- The under-plaster will be applied after drying of the plaster to a regular thickness of 8 to 12 mm, following the wall to avoid overloading.

On masonry made with plaster mortar

- Brush and dust.
 - Mechanically spray GOBETIS SPECIAL A over 4 to 5 mm (24 to 72 h of drying).
 - Dampen slightly before applying the underlayment.
- ### Preparation on smooth concrete (new substrates)
- Comply with the PAREXAL DTA (§ 4.21).

Preparation on coated masonry and concrete coated with paint or a thick layer of paint

- Comply with the PAREXAL DTA (§ 4.21) and the PARINTER RÉNOVATION Technical Sheet.

■ PRODUCT PREPARATION

- Water content: 5 to 5.8 liters per 25 kg bag
- Mixing time:
 - machine: 5 min
 - concrete mixer: 5 to 7 min
- Consumption: 1.4 kg / m² per mm of minimum thickness

■ APPLICATION OF THE PRODUCT

Dressing and waterproofing of masonry

- PAREXAL can be applied in a single, straight coat, in a continuous thickness of up to 25 mm.
- For thicknesses between 25 and 50 mm continuously, fix a TM20 reinforcement using galvanized spikes, before applying PAREXAL in 2 passes spaced 1 to 3 hours apart, depending on the ambient conditions.
- 4 hours after the last dressing pass, apply a pass of PAREXAL intended to give the decorative appearance. The thickness is between 5 and 10 mm.

■ PERSONALISATION

Optional to customize the coating by adding washed sand at a rate of 2.5 liters of 2-5 mm sand maximum per bag.
Possibility of colouring by adding during mixing at a rate of 250 g maximum of natural colouring soils or 125 g of iron oxides, per bag.

ASSISTANCE TECHNIQUE : ParexGroup S.A. assure l'information et l'aide aux entreprises qui en font la demande pour le démarrage d'un chantier afin de préciser les dispositions spécifiques de mise en œuvre du produit (ou procédé). Cette assistance ne peut être assimilée ni à la conception de l'ouvrage, ni à la réception des supports, ni à un contrôle des règles de mise en œuvre.

0 826 08 68 78

Service 0,15 € / appel
* prix appel

DOCUMENTATION TECHNIQUE - Décembre 2019

Cette Fiche Technique a pour but d'informer sur les propriétés du produit. Les renseignements qui y figurent sont basés sur nos connaissances actuelles. Il appartient à l'utilisateur de s'informer sur l'adaptation du produit à l'usage désiré et de vérifier qu'il dispose de la version la plus récente - Mise à jour consultable sur parexlanko.com

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PAREXLANKO

PRECAUTIONS FOR USE

- Product intended for professionals.
- Moisten the hardened plaster 24 to 72 hours after application.
- Protect the facades throughout the duration of the work.
- Do not apply on frozen substrates and if there is a risk of frost.
- Minimum application temperatures: + 5 °C for light shades, + 8 °C for deep shades.
- Above + 30 °C, take special measures (protection, humidification, etc.).
- Like any facade mortar, PAREXAL is not intended for structural repair. The structural reinforcement work will be carried out beforehand if necessary.
- Wear PPE, personal protective equipment: gloves, suitable clothing and protective glasses
- Consult the safety data sheet.