

EHI GF

- Mineral lime finish
- Resistance to shocks to EIFS
- Improves the fire resistance of EIFS

1/2

EXTERNAL INSULATION FACADE SYSTEMS



DEFINITION

Mineral mortar in the form of a through coloured powder, to be mixed with water, for the creation of external insulation façade systems.

FINISH APPEARANCE

- Spray-textured
- Smooth spray-textured
- Scraped

SUBSTRATES

SUITABLE SUBSTRATES

- Base coat of PAREXLANKO EIFS: PARISO PSE - M, PARISO LR - M, or base coat on smooth PSE casing blocks.
- Dovetail jointed PSE insulation of the PAREXLANKO EIFS: PARISO PSE - H.
- Substrates complying with DTU 26.1 on small areas.
- External insulation systems by dovetailed expanded polystyrene casing blocks complying with the requirements of CSTB specification no. 263-2 and the PARISO PSE - H European Technical Approval.

UNSUITABLE SUBSTRATES

- Exposed face walls or parts of face walls, inclined by more than 5° from the vertical.
- Any part of a face wall that is buried or situated at less than 15 cm from a finished floor.

SPECIFICATIONS

Composition

- Powder containing hydraulic binder, non hydraulic lime, micronized vinyl copolymer, calcareous and siliceous sand, light aggregate, mineral pigments and specific admixtures.
- MVA: 1.14 ± 0.05 .
 - Grading:
 - oversize at 0.08 mm: 70 to 80 %,
 - oversize at 1.25 mm: 10 to 20 %.
 - powder pH: 12.5 ± 0.5 .
 - Water retention: 94 ± 2 %.

INSTRUCTIONS

Should comply with the DTA specifications of the systems concerned, those of CSTB specification no. 3035 or the specific PAREXLANKO specifications.

Tools

- Trowel.
- Stainless steel float.
- Notched rule.
- Broad knife.
- Metal scraper.
- Tool cleaning: with water after application

	WATER PROJECTION PLATERING MACHINE	AIR PROJECTION PLATERING MACHINE
• Pump pressure	10-12 bars (water)	
• Air flow rate		60 m ³ /hour minimum
• Air pressure		4 to 6 bars
• Projection possible with an electric machine, after prior mixing of the product.		

Product preparation

- Water dosage: approx. 8.4 litres per bag.
- Machine mixing time: 3 to 5 min.
- Cement mixer mixing time: 5 min. approx.
- Mixing by whole bag, mixture workable time 3/4 hour max. depending on the ambient conditions.

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APPLICATION

- According to the recommendations for PAREXLANKO EIFS.

On the PARISO PSE - H system and on grooved casing blocks

- The coating is projected after installation of the metal reinforcement mesh (AMG) and the corner sections.

Two coats are applied, with an interval of 24 hours.

- The 1st approx. 9 mm (8 mm minimum when dry) thick, close application to make the product penetrate into the grooves.
- The 2nd is applied in 2 passes for spray-textured and smooth spray-textured finishes, completing the thickness of the 1st up to 12 mm approx. before the graining. For a scraped finish, it is applied in a single pass, completing the total thickness up to 18-20 mm before scraping.

On the PARISO PSE - M system and on smoothed casing blocks

- Projection is onto a reinforced MAITE base coat (surface: horizontal wavy grooves), with a regular thickness of approx. 13 mm before scraping or 5 mm plus the decorative grain for projected or flattened projected finishes.

CONSUMPTION

	PARISO PSE - H system Grooved casing blocks	Other PAREXLANKO systems Smooth casing blocks
Spray-textured and smooth spray-textured finishes	23 -24 kg/m ² *	14 -16 kg/m ² *
Scraped finish	25 -26 kg/m ² *	16 -18 kg/m ² *

*These figures are given for information

USING CONDITIONS

- Product for trade use.
- Do not apply:
 - on frozen substrates or when there is a risk of frost,
 - in rainy weather,
 - on very exposed face walls in periods of very hot weather or when winds are strong and dry.
- Minimum application temperatures: 5°C for light colours and 8°C for darker colours. Above 30°C, take special precautions.
- Coloured coatings cannot be used if their solar absorption coefficient is higher than 0.7, or 0.5 at altitudes above 1,300 metres.
- Do not place coloured coatings next to each other if the difference in their absorption coefficients is greater than 0.2.

In general, the using and application conditions of the EHI GF should respect the requirements for the application of monolayer waterproofing coatings, according to DTU 26.1.

PACKAGING

30 kg bag: 2-ply paper and 1-ply polyethylene.
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

- PAREXLANKO European Technical Approval
- PAREXLANKO Technical Application Document.
- PAREXLANKO Technical Approval
- CSTB specification no. 263-2 - October 1985.
- CSTB specification no. 3035 - April 1998.
- CSTB specification no. 2669-2 - July/August 1993.
- NF DTU 26.1 standard.

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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