

MONOGRIS E

1/2

WATERPROOF RENDER UNDERCOAT

NEW CONSTRUCTIONS
FACADE



PRODUCT PLUS POINTS

- Grey* semi-lightweight render undercoat
- All substrates: concrete, brick, lightweight concrete
- Fine grain
- Finishes: can be left bare* or be coated with semi-lightened render, acrylic finishes or paint.

DEFINITION

Render undercoat and one-coat OC1 waterproofing render for vertical outside and inside walls.

SUBSTRATES

Suitable substrates

- Masonry complying with DTU 20.1. of:
 - Concrete blocks (Rt3, Rt2)
 - Bricks (Rt3, Rt2)
 - Lightweight concrete (Rt1)
- Poured concrete walls (complying with DTU 23.1).
- Stone and rubble masonry.

Unsuitable substrates

- Weak mortar or plaster-coated old structures.
- Exposed substrates more than 10° from the vertical.

Associated coatings

- PAREXLANKO semi-lightened render:
 - MONOREX, MONOREX GF, MONOBLANCO
 - PARLUMIERE FIN, PARLUMIERE MOYEN, PAREXAL
- Paint, acrylic finishes, Washes.

See the following table for covering lead-times and surface conditions of MONOGRIS E.

SPECIFICATIONS

Composition

- Cement
- Non hydraulic lime
- Sand
- Specific admixtures.

Performance

- Type: OC1
- Compressive strength: CS II
- Water absorption by capillarity: W2
- Fire reaction: A1

INSTRUCTIONS

Substrate preparation

- Sound, clean and dust-free.
- Remove all traces of plaster, paint, etc.
- Flatness and verticality of substrates should satisfy the requirements of DTU 20.1 and 23.1.
- On concrete and other low absorption substrates:
 - apply a pass of MONOGRIS E to which has been added 0.5 litre of 751 LANKOLATEX per 30 kg bag.
 - or apply a coat of MICRO-GOBETIS 2000 by roller.

Product preparation

- Water dosage: 6.5 to 7.5 litres per 30 kg bag
- Machine mixing time: 5 min.
- Cement-mixer mixing time: 5 min.

Equipment

Spraying machine:

- Pump pressure: 8 - 10 bars (water).
- Respect the machine filling volume.

Continuous mixing machine:

- Min. water dosage: 220 litres / hour.

Cement mixer - Compressor:

- Min. compressor capacity: 60 m³/h.
- Projection pot application: air pressure: 4 to 6 bars.

CONSUMPTION:

1,3 kg/m² per mm of thickness

- Reference thickness for consumption calculations (Ref. CSTB):

- Float smoothed /as dressed: 12 mm

INSTRUCTIONS FOR USE

- Product for trade use.
- The use of MONOGRIS E is governed by the requirements of DTU 26.1 and this data sheet.

- Before application dampen the substrate.
- Application temperatures: +5°C to 30°C.
- Do not apply on substrates that are frozen or if there is a risk of frost.

- Above 30°C, take special precautions (protection, humidification, etc.).
- Read the safety data sheet on www.parexlanko.com.

* colour evenness not guaranteed

PAREXLANKO

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APPLICATION

To receive a one-coat render:

- Spray and hawk-dress a layer with a minimum thickness of 10 mm throughout.

To receive paint, wash or acrylic finishes:

- Spray and hawk dress a layer 7 to 8 mm thick. After hardening, spray a second layer of 5 to 7 mm. The thickness must be 10 mm throughout.

MAXIMUM MONOGRIS E THICKNESSES (including the finish coating)

Concrete blocks, bricks	Lightweight concrete blocks	Poured concrete
25 mm	20 mm	15 mm

TYPES OF ASSOCIATED COVERINGS	MONOGRIS E SURFACE CONDITION	COVERING LEAD-TIME
Semi-lightweight PAREXLANKO coatings	NOTCHED	Over 3 days of drying, requires special preparation
Paint, acrylic finishes, Washes.	FLOAT SMOOTHED**	3 weeks minimum

FACADE ■ NEW CONSTRUCTIONS

** not to be used on lightweight concrete

PACKAGING

30 kg bag
40 bag covered pallet, i.e. 1,200 kg.

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, 20.1.
- CSTB Certified

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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