

# MONOREX

SEMI-LIGHTENED SPRAYABLE RENDER

NEW CONSTRUCTIONS  
FACADE



## PRODUCT PLUS POINTS

- OC1 medium grain semi-lightened render.
- Finishes: scraped, spray textured, smooth spray textured
- All substrates: concrete block, brick, lightweight concrete, concrete.
- Low consumption

### DEFINITION

OC1 one-coat waterproofing and decoration render for vertical inside and outside masonry or concrete walls.

### SUBSTRATES

#### Suitable substrates

- Masonry complying with DTU 20.1. built of concrete blocks, bricks and lightweight concrete (Rt3, Rt2 and Rt1).
- Poured concrete walls (conforming to DTU 23.1).

- Base coat complying with DTU 26.1.  
- Render undercoat: MONOGRIS E, TRADIREX, PARMUREX and DUST-FREE PARMUREX.

#### Unsuitable substrates

- Weak mortar or plaster-coated old structures.
- Exposed horizontal substrates and those inclined by more than 10° from the vertical.

### KENMERKEN

#### Composition

Hydraulic render containing:

- Cement
- Non hydraulic lime
- Sand
- Light binders
- Mineral pigments
- 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.

#### 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.

##### Cement mixer

- Min. compressor capacity: 60 m<sup>3</sup>/h.
- Projection pot application: air pressure: 4 to 6 bars.

#### CONSUMPTION:

**1,3 kg/m<sup>2</sup> per mm of thickness.**

- Reference thickness for consumption calculations (ref. CSTB):
  - Scraped: 16 mm
  - Spray textured / smooth spray textured: 14 mm

### APPLICATION

- Refer to "One-coat render application" page: 18

### INSTRUCTIONS FOR USE

- Product for trade use.
- The use of MONOREX is covered by the requirements of DTU 26.1 and this technical data sheet.

- Before application moisten the substrate.
- Do not apply on substrates that are frozen or if there is a risk of frost.
- Minimum application temperatures: + 5°C for light colours, +8°C for dark colours.

- Above +30°C, take special precautions.
- Read the safety data sheet on [www.parexlanko.com](http://www.parexlanko.com).

### 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

- CSTB Certified
- DTU 26.1, 20.1 and 23.1.

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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