

MONOBLANCO

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SEMI-LIGHTENED SPRAYABLE RENDER



PRODUCT PLUS POINTS

- OC1 semi-lightened render.
- The "fine white" render for all types of masonry
- Finishes: fine scraped, spray textured, float smoothed* and trowel smoothed.
- All substrates: concrete block, brick, lightweight concrete, concrete.

* finish not suitable for lightweight concrete

DEFINITION

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

SUBSTRATES

Suitable substrates

- Masonry conforming to DTU 20.1 built from concrete block, brick and lightweight concrete (Rt3, Rt2, Rt1).
- Poured concrete walls (complying with 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 substrates inclined by more than 10° from the vertical.

SPECIFICATIONS

Composition

- Hydraulic render containing:
 - Cement
 - Non hydraulic lime
 - Sand
 - Light fillers
 - 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 to 6.5 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 - 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) :
 - Scraped: 16 mm
 - Spray textured / smooth spray textured: 14 mm
 - Float smoothed / Trowel smoothed: 12 mm

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FACADE ■ NEW CONSTRUCTIONS

APPLICATION

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

INSTRUCTIONS FOR USE

- Product for trade use.
- The use of MONOBLANCO is governed by the requirements of DTU 26.1. and of this 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.
- Above +30°C, take special precautions.
- Float and trowel smoothed finishes are produced by surfacing on a 2nd pass or coat which should not be more than 5 to 6 mm thick. These two finishes may have variations in appearance (surface condition and colouring), and give rise to surface crazing; this has no effect on durability.
- Float smoothed finishes cannot be used on lightweight concrete block masonry.
- We recommend not incorporating AXEL 3000, ALGIREX or 751 LANKOLATEX admixtures in the float finishing layer.
- Refer to the safety data sheet on 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 Certification pending
- DTU 20.1, 23.1 and 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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