

MONOPASS ÉCO GRIS

GREY SINGLE-LAYER RENDER

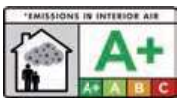


ALL BASES: APPLICABLE ON CELLULAR CONCRETE

- ▣ “Floated” finish
- ▣ Can remain uncovered
- ▣ Wide choice of finishes: paints, thin finishes or CS II hydraulic renders
- ▣ Lightweight

PROJECT SOLUTIONS TO BE
CHECKED OUT ON P. 114 TO 117

FINE GRAIN | LIGHTWEIGHT |



PRODUCT INFORMATION

Consumption

14 kg/m² and per cm thickness

Storage

18 months in its unopened original packing, out of contact with the ground, in a dry, temperate and slightly ventilated area.

Packaging

25 kg bag - 48 bag pallet

Supply

MONOPASS ECO GRIS is available in all regions.

SPECIFICATIONS AND PERFORMANCES

Appearance: grey powder

Composition: selected mineral fillers, lightening fillers, white cement, lime, additives including mass water repellent and mineral pigments

PERFORMANCE MEASURED AT +20°C	
Adherence after freeze/thaw and immersion/freeze cycles	≥ 0.2 MPa
Compressive strength	CS II
Capillarity	W2
Water vapour permeability	μ ≤ 35
Water permeability	≤ 1 ml/cm ² after 48 h
Fire behaviour	A1 (incombustible)

FIELD OF USE

Purpose

Facade waterproofing for all types of building.

Finishes

• Possible finishes:

- Paint.
- Organic decorative render.
- Thick organic-mineral coating.
- Thick mineral coating.
- OC1 class coloured single-layer render.
- RÉNOPASS CHAUX GF/GM.**
- Can remain uncoated*.

* Colour consistency not guaranteed.

• Unauthorised finishes:

- CS III or CS IV class hydraulic render.
- Tiling.
- Facing brick.

Authorised bases

- Masonry of all types: Rt1, Rt2 or Rt3, as per the NF-DTU 26.1 - April 2008 standard. Examples: autoclaved cellular concrete blocks, bricks of all types (including Monomur bricks), light or common aggregate concrete blocks. - Common aggregate cast concrete".
- Masonry covered with a body of render

Unauthorised bases

- Bases treated with a surface water repellent.
- Plaster based render.
- Paint.
- Organic decorative render.
- Old masonry (rough or rendered): loam, adobe, cob, etc.
- Horizontal, sloping or in-ground external parts

APPLICATION

Reference documents

- NF-DTU 26.1 - April 2008
- CE marking

Application conditions

- Application temperature: +5°C to +30°C.
- Do not apply if there is a risk of freezing in the hours following application.

Precautions for use

In order to protect your health and the environment, and for the safe use of this product, follow the precautionary advice that is featured on the packing label. You can find the safety instructions for this product on the Safety Data Sheet (SDS) available on quickfds.com.

Base preparation

- The base must be clean, sound and free of any non-adhesive parts or areas that could prevent adhesion (for example: release oil, drying products, etc.).
- Hollow masonry pointing: Fill it before rendering.
- Lips and excess thickness: Eliminate them mechanically.
- Mechanical masonry joints/wall ties and joints between heterogeneous bases: Bridge them using glass mesh embedded in the 1st coat of render, as per NF-DTU 20.1 and 26.1.
- Heterogeneous bases, cast concrete and old renders: It is mandatory to create a base prepared coat using **VPI LATEX****.
- Cast concrete and old renders: Create a base coat prepared using **VPI LATEX**** or apply **ACCROLOR 2**.
- Terracotta brick masonry of all types: Soak quickly but not excessively less than half an hour before rendering, or as rendering progresses. This soaking is regardless of the ambient weather conditions.
- Cellular concrete masonry: Remove dust carefully. Apply **ACCROLOR 2** or wet the base evenly as you go. The base must wet in depth but not seeping on the surface.

Product preparation

- Mix in a batch mixer or concrete mixer.
- Water/powder ratio: 7.5 to 8.5 L of water per 25 kg sack.
- Mixing time: 5 min. Keep the same duration for each mix
- Machine setting: water pressure 10 to 12 bars.

Application

WORKABLE TIME AT +20°C	
Working life	About 1 hour
Time between applications	From 4 h to 3 days
Time out of water	from 3 to 8 hours

Thickness of application

BASE	WELL FINISHED ROUGH MASONRY	CELLULAR CONCRETE	CONCRETE OR SUB-RENDER	
Function	Waterproofing		Decoration	
"Floated" finish	1 st application 7 mm thick + 2 nd application 5 mm thick	ACCROLOR 2 + 1 st application 7 mm thick + 2 nd application 5 mm thick	Base coat using VPI LATEX 3 mm thick + 1 application 5 mm thick	ACCROLOR 2 + 1 application 5 mm thick

- Spray the 1st application using the machine (see table) and smooth it. Wait from 4 h to 3 days (at +20°C), then spray a 5 mm layer and float it.

Finishes

FINISH COATING TYPE	MONOPASS ÉCO GRIS SURFACE APPEARANCE BEFORE FINISHING	COVERING TIME
Paint, TPC, TMC	Floated	3 weeks minimum
Class OC1 CS II max single-layer render, RÉNOPASS CHAUX GF/GM	Serrated	24 hours

- Clean the tools with water while the product is fresh.

Final thickness:

- on neat rough masonry: from 12 to 15 mm
- on standard rough masonry: from 15 to 18 mm
- on concrete or sub render: from 5 to 15 mm

Whichever finish is chosen, the render thickness should not be less than 10 mm at any protruding point on the masonry (including hollow pointing or cornice outlines), nor more than 25 mm (including for overlaid cornice outlines).

- ** To prepare a base coat using **VPI LATEX**:
 Mix a liquid render using a solution of diluted **VPI LATEX** (1 volume of **VPI LATEX** for 3 volumes of water).
 Apply without overloading the base (3 to 5 mm).
 Leave its surface rough to facilitate the adhesion of the render