

PRB PLANIMUR TOP

THIN WALL LEVELLING RENDER 0.3 TO 5 MM THICK



The **+**s PRB PLANIMUR TOP

- +** Very fine
- +** Easy slip: allowing perfect smoothing in a single application
- +** Ready-to-mix single component
- +** Quick application and setting

PACKAGING

- 25 kg paper bag.
- 1.2 t pallet, i.e. 48 25 kg bags.

STORAGE: 12 months.

CONSUMPTION

- Consumption varies depending on the substrate (type, flatness, roughness).
- It is in the order of 1 kg/m² per mm of thickness.

COLOUR: Light grey and Grey.



AREA OF USE

USE

- PRB PLANIMUR TOP is used on facades, interior walls and ceilings for the smoothing and quick finishing of concretes.
- Formula suitable for HQE classified buildings.
- DTU 23.1, 26.1, 42.1, 59.1, 59.1.

AUTHORISED SUBSTRATES

- Cast concrete (DTU 23.1).
- Prefabricated concrete elements.
- Reinforced concrete walls.
- Standard aggregate or expanded clay concretes.
- Concrete slab underside.
- Healthy and strong traditional or single coat render.

ASSOCIATED COATINGS

- PRB PLANIMUR TOP can remain uncoated and can be covered using:
- organic coatings: TPC or saponifiable paints,
 - decorative mineral renders.
 - +** For indoor use:
 - wallpaper, bonded textile or PVC,
 - bonded ceramic coverings (on levelling at least 3 mm thick).

LIMITS TO USE

- Do not use:
- In extreme temperatures (lower than 5°C and higher than 30°C) and in rainy weather.
 - On a dripping wet or seeping substrate.
 - On a frozen or thawing substrate or when there is a risk of freezing temperatures in the next 24 H.
 - On gypsum based substrates (plaster), plaster blocks, plaster board, paint, TPC, wood.
 - On floors, pre-slab joints on ceilings and on immersed substrates.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on frozen, thawing or soaked substrates, or substrates subject to rising damp, or exposed to extreme heat and high winds.

TECHNICAL SPECIFICATIONS

COMPOSITION

- Grey cement and white cement.
- Fine mineral fillers.
- Redispersible resins, specific additives.

PRODUCTS

- POWDER:**
- Density: 0.95 ± 0.05 t/m³.
 - Grading: < 200 µm.
 - pH: 12.5 ± 0.5
- HARDENED PRODUCT AT 28 DAYS:**
- Tensile strength (TS): 6 MPa.
 - Compressive strength (Cs): 20 MPa.
 - Adherence on concrete: 1 Mpa approx.

USE:

- Mixing rate: 35 to 39 %.
- Mixture use time: 3 h.
- Smoothing time after application: ± 10 min.
- Time between applications: 1 h ± 10 min.
- Application thickness: 0.3 to 5 mm

* For greater thicknesses up to 10 mm, use **PRB PLANIDRESS TOP** for the 1st application.
N.B.: These values are standard laboratory or site testing values. The preparation conditions and the type and wear of the material used may modify them significantly.

COVERING

- The covering times are variable depending on the application conditions, the render thickness and the type of coating.
- Respect a waiting time of at least 72 h to 7 days.

APPLICATION

SUBSTRATE PREPARATION

- The substrates must be clean, healthy, non-powdery, have good mechanical strength, be free of dust, release oil, curing products or any other products (paint, organic products, water repellent products, graffiti prevention products, etc.) that could prevent the proper adherence of the levelling to the substrate.
- Lips should be flattened, casting seams, gravel or other preparation works > 4 mm must be the subject of prior preparatory work (repair mortar **PRB TP RÉPAR** or other PRB range levelling that can be used for repairs > 4 mm).
- During hot weather and/or dry or sensitive winds, to prevent the risk of render dehydration and desiccation, the substrate must be wet 1/2 hour beforehand.

RENDER PREPARATION

- Mix 1 bag of **PRB PLANIMUR TOP** with 8.75 to 9.75 litres of clean water using an electric mixer at low speed (300 rpm), until a flexible and consistent mortar without lumps is obtained.
- Let the paste rest for about 2 min and slightly remix it before application.
- Never add water to a mixture that has started to set.

APPLICATION

- Apply **PRB PLANIMUR TOP** using a stainless steel float and smooth the surface. The fine finish can be obtained immediately.
- If necessary, refine the smoothing with a 2nd application as soon as the 1st starts to stiffen (1 h approx.).
- For application using a machine, contact us.

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Read the regulatory labelling on the package and read the technical safety data sheet before using.
- When setting has started, never remix after adding water.