

# PRB PLANIDUR PRO

## SELF-LEVELLING FLOORING COMPOUND



PRB PLANIDUR PRO  
FLOOR LEVELLING AND SMOOTHING: IMPROVEMENTS

ADHESIVES  
& FLOORING

### The **+**s of PRB PLANIDUR PRO

- +** All-purpose product for private and collective areas
- +** Suitable for all bonded coatings
- +** Ready for use after 3 hrs
- +** Machine or manual application

#### PACKAGING

– 25 kg paper bag

**STORAGE LIFE:** 12 months.

#### CONSUMPTION/USE

– 1.5 kg/m<sup>2</sup>/mm of thickness.

**COLOUR:** Grey.



Suitable for  
P3 floors



## AREA OF USE

### USES

- Indoor floors (P2 or P3 premises)
- New and renovation work.
- Technical specifications 3634 v2 and 3635 v2; regulations in force.
- Smoothing coating certification

### SUITABLE SUBSTRATES

#### NEW:

- Concrete.
- Cement mortar screeds.
- Dry plasterboard screeds (see technical notice).

#### OLD:

- Old adherent tiles (glued or grouted).
- Old, adherent and resistant floor paints.

### PROHIBITED SUBSTRATES

#### Do not apply to:

- Crumbling or loose surfaces.
- Gypsum-based levelling substances (plaster).
- Outdoor surfaces.
- Permanently damp floors or floors subject to rising capillary water.
- Industrial flooring.

### COMPATIBLE COVERINGS

- Glued tiles.
- Glued parquet.
- Flexible and rigid plastic coatings.
- Textile coverings.
- Multifoil insulation.
- Liquid waterproofing systems (e.g. under-tile waterproofing).

**NB: PLANIDUR PRO** is compatible with most adhesives.

### APPLICATION CONDITIONS

- Temperatures between 5°C and 35°C.
- Do not apply to frozen, thawing, hot, wet or damp surfaces.
- Do not apply in draughty or windy conditions.
- Do not interfere with existing expansion and dividing joints.

## TECHNICAL CHARACTERISTICS

### INGREDIENTS

Fine grey-brown powder consisting of:

- grey hydraulic binders,
- fine mineral fillers,
- quartz sand,
- redispersible resin,
- setting agent,
- specific additives.

### PRODUCT

#### POWDER:

- Density: 1.2 ± 0.1 t/m<sup>3</sup>.
- Grain size: < 630 µm.
- pH (alkaline): 12.5 ± 0.5.

#### AVERAGE PERFORMANCE ONCE CURED:

- Adhesion: ≥ 1 MPa.
- Flexural strength: ≥ 4 MPa.
- Compressive strength: ≥ 18 MPa.
- Hardness (Shore D): ≥ 80.
- Class - according to EN 13813: CT - C20 - F4.
- Reaction to fire: A1<sub>fl</sub>.

### UTILISATION

- Manipulation time (workable life): 20 min.
- Self-levelling time: 15 min.
- Setting time: 3 hrs ± 1 hr.
- Time before use: approximately 3 hrs.
- Time between coats: 3 to 24 hrs. After this time, apply a primer: **ACCROSOL AG** or **ACCROSOL PLUS**.
- Waiting time before sanding: 8 to 24 hrs.
- Time before covering (depending on thickness and temperature):
  - tiles or textiles: 4 to 12 hrs,
  - plastic floors: 12 to 48 hrs,
  - bonded parquet: 48 to 96 hrs

- Apply to a thickness of:

- 1 to 10 mm for flexible flooring or P2 floors,
- 3 to 10 mm for renovation work or P3 floors,
- laying tiles or parquet floors: 3 to 10 mm,
- 5 to 20 mm on resistant cement, mixed with 0.2 sand (2 volumes of **PLANIDUR PRO** for 1 volume of sand).

**NB:** These values are estimates based on laboratory tests carried out in accordance with the applicable technical guidelines. The application conditions can significantly change these values.

## UTILISATION

Please refer to the PRB Process Sheets

### SUBSTRATE PREPARATION

- Surfaces must be structurally sound, clean and free of dust and moisture.
- Remove all traces of plaster, grease, laitance, etc.
- Large holes should be filled in 3 to 4 hours prior to levelling.
- Loosen around the edges.
- For all substrates, apply a primer: **PRB ACCROSOL AG** or **ACCROSOL PLUS** at a rate of 300 ± 100 g/m<sup>2</sup>, and leave to dry for 4 to 24 hrs.

### PRODUCT PREPARATION

- Using an electric mixer (set to 500 rpm), mix 1 x 25 kg bag with 6 to 6.5 l of clean water until you obtain a smooth mixture.
- Leave to stand for 2 minutes. Avoid overwatering the mixture.

### APPLICATION

- Manual application: with a smoothing trowel, float or continuous mixing pump.
- Apply in a single coat:
  - moving in one direction, hold the trowel at a 45°/90° angle to fill in the pores and to expel air bubbles
  - and in the other direction, adjust to the desired thickness and smooth out while holding the smoothing trowel or float in a horizontal position.
- A spiked roller can be used to remove any remaining air bubbles.

### PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Please read the packaging safety label and safety data sheet before use.