

PRB PLANIEXPERT 3

SELF-LEVELLING FLOORING COMPOUND



PRB PLANIEXPERT 3

SUBSTRATE PREPARATION: LEVELLING AND SMOOTHING

ADHESIVES & FLOORING

The **+** s of PRB PLANIEXPERT 3

- +** Specialist professional product for large-scale projects
- +** New and renovation work
- +** Machine or manual application
- +** Fast drying and reduced waiting time before covering

PACKAGING

– Paper bag containing 25 kg.

STORAGE LIFE: 12 months.

CONSUMPTION/USE

– 1.5 kg/m²/mm of thickness.

COLOUR: Grey.



Suitable for P3 floors

AREA OF USE

USES

- Interior floors
- New and renovation work.
- P2 / P3 areas.

REFERENCE DOCUMENTS

- French DTU Standards, Technical Specifications & regulations in force.

SUITABLE SUBSTRATES

NEW:

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

RENOVATION WORK:

- 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 COATINGS

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

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply to frozen, thawing or hot or wet surfaces. Do not apply to surfaces when exposed to direct sunlight.
- Do not apply in draughty or windy conditions.
- Do not interfere with existing expansion and dividing joints.

TECHNICAL CHARACTERISTICS

INGREDIENTS

Fine grey powder consisting of:

- specialist hydraulic binders,
- fine mineral fillers,
- quartz sand,
- redispersible resin,
- setting agents,
- specific additives.

PRODUCT

POWDER:

- Grain size: ≤ 600 µm
- PASTE:**
- pH (alkaline): approx. 12.5

AVERAGE PERFORMANCE WHEN HARDENED:

- Class - according to EN 13813: CT-C20-F4.
- Flexural strength: ≥ 4 MPa.
- Compressive strength: ≥ 20 MPa.
- Adhesion: ≥ 1 MPa.
- Reaction to fire: A1_{fl}.

UTILISATION

- Mixing ratio: 23 to 25%.
- Resting time before use: Approx. 1 min.
- Manipulation time (workable life): 20 min.
- Self-levelling time: 15 min.
- Ready to walk on after: minimum 4 hrs.
- Can be sanded after: minimum 12 hrs.

- Time before covering (depending on thickness and temperature):
 - tiling or textiles: 6 to 12 hrs,
 - plastic flooring: 24 to 48 hrs,
 - glued parquet: 48 to 96 hrs.

APPLICATION THICKNESSES:

- flexible flooring or P2 floors: 1 to 10 mm,
- renovation work or P3 floors: 3 to 10 mm,
- tiles or parquet floors: 3 to 10 mm.

NB: These values are estimates from laboratory tests carried out in accordance with the technical guides. 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 moisture.
- Remove traces of plaster, grease, surface laitance, etc. by sanding, then clean off the dust with a brush or vacuum cleaner.
- 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 150 to 300 g/m² and leave to dry for 8 to 12 hrs.
- For faster drying (30 min depending on the substrate), use **PRB ACCROSOL EXPRESS** at a rate of 150 to 300 g/m².

- For very porous surfaces, apply a second coat of primer once the first is thoroughly dry.
- Make sure the primer is dry before applying the levelling product.

PRODUCT PREPARATION

- Using an electric mixer (set to 500 rpm), mix 1 x 25 kg bag with 5.75 to 6.25 l of clean water until you obtain a smooth mixture.
- Leave to stand for 1 minute. 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 the pores and 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.
- Do not leave uncovered.

Technical Data Sheet - 5 December 2024

This technical data sheet is provided for the sole purpose of informing our customers about the characteristics of the product. Its content is based on up-to-date information. Before using the product, the user is advised to check whether this sheet has been replaced by a more recent version. The warranty conditions for our products, processes and systems are specified at the beginning of this catalogue. You can also find them, along with all regulatory and safety documents, online at www.prb.fr.