

PRB PLANIJOUNT SOUPLE FIBRÉ

HIGH-PERFORMANCE FIBRE-BASED LEVELLING MORTAR



The PRB PLANIJOUNT SOUPLE FIBRÉ +

- + Hydraulic binder, fibre and powdered micronised resin based product
- + Manual or machine from 2 to 10 mm
- + Joints and levelling for prefabricated concrete panels
- + Crack repair



PACKAGING

- 25 kg paper bag.
- 1.225 t pallet, i.e. 49 25 kg bags.

STORAGE: 12 months.

CONSUMPTION

- Consumption varies depending on the substrate (type, flatness, roughness).
- 1.5 kg/m² per mm thickness depending on application conditions and the type and condition of the substrate.

COLOUR: Grey.

AREA OF USE

USE

- PRB PLANIJOUNT SOUPLE FIBRÉ is used on interior and exterior walls.
- Technical levelling mortar.
- DTU 23.1, DTU 26.1, DTU 20.1
- Suitable to fill joints between prefabricated concrete panels and for general levelling before the application of paint.
- Used to repair cracks on hydraulic renders and/or concrete, or small chips on render or concrete.
- Suitable to fill joints between prefabricated concrete panels and for general levelling before the application of paint.

AUTHORISED SUBSTRATES

- Existing or new masonry covering in a cement-based render.
- Concrete substrate.
- On glass paste or adherent 2 x 2 glazed stoneware for general levelling before TPC.
- Joints between prefabricated concrete panels.
- For other specific substrates or other uses, contact our technical department.

PROHIBITED SUBSTRATES

- Directly on paint and TPC.
- Unbaked earth, loam, cob or adobe walls.
- Immersed masonry.
- Plaster and plaster-based substrates.

ASSOCIATED COATINGS

- Can be left uncovered or covered using:
- D2 or D3 type paints (acrylic, silicate, siloxane).
 - Thick Plastic Coatings.
 - I1 to I4 waterproofing systems.
 - Tiling (minimum 3 mm levelling thickness, interior use only).
 - For other coverings, contact the technical department.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on substrates that are frozen or thawing, hot or exposed to full sunlight, soaked or exposed to driving rain and heavy winds.
- Protect joinery and glazing before spraying the levelling.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Hydraulic binders.
- Specific additives, fibres, redispersable synthetic resin.

PRODUCTS

POWDER:

- Colour: grey
- Max. grading: ± 800 µ
- Density: 1.3 ± 0.05 t/m³

PASTE:

- pH (alkaline): 12.5 ± 0.5

HARDENED PRODUCT AT 28 DAYS:

- Tensile strength: > 3 MPa
- Resistance to pressure: > 10 MPa
- Adhesion on concrete: > 1 MPa

USE:

- Mixing time: 3 to 5 min
- Batch life time: 1 h 30

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.

PREPARATION

SUBSTRATE PREPARATION

- The surfaces to be rendered must be clean: free of dust, releasing agent or any powdering that may alter render adherence.
- Substrate surfaces must be dry.

MORTAR PREPARATION

- Mix PRB PLANIJOUNT SOUPLE FIBRÉ with 20 to 24 % water, i.e. 5 to 6 l of clean water per 25 kg bag for 3 to 5 min
- The water dosage and mixing time must be as constant as possible to guarantee the evenness of the consistency.
- Mix to a firmer consistency to fill joints, repair cracks or chips in concrete.

APPLICATION

REPAIR CRACKS IN CONCRETE OR CEMENT RENDER

- Open the crack in a V shape using a grinder, clean and dust the crack, then fill it using PRB PLANIJOUNT SOUPLE FIBRÉ compacting it well.
- Apply PRB PLANIJOUNT SOUPLE FIBRÉ on a width of 15 cm around the crack, including a 4 x 4 mesh glass fabric in it.

GENERAL LEVELLING BEFORE APPLYING A TPC.

- Substrates must be suitably prepared and cleaned first.

- General levelling using PRB PLANIJOUNT SOUPLE FIBRÉ with a stainless steel float to correct levelness by from 2 to 10 mm.
- To eventually improve the surface following levelling, leave to dry 24 hours, then re-apply over the whole surface area before applying the TPC.

TIME BEFORE COVERING

- 3 days at least before painting, taking into account the thickness (temperature and relative humidity).

ASSOCIATED CONSTRUCTIVE SYSTEMS

- Refer to the specifications or technical sheets specific to these techniques.

PRECAUTIONS FOR USE

- Contains cement and/or lime.
- Read the regulatory labelling on the package and read the safety data sheet before using.

PRB PLANIJOUNT SOUPLE FIBRÉ
WALL SMOOTHING RENDERS: MINERAL LEVELLING

FAÇADE
SPECIALIST MASONRY