

PRB LATEX



ADDITIVE AND FIXATIVE RESIN FOR MORTARS AND MICRO-CONCRETES

The PRB LATEX

- Use to obtain high performance mortars
- Improves the adherence of all mortars
- Improves mortar workability (fluidifying effect)
- Improves weatherproofing and reduces the risk of cracking and wear

PACKAGING

- 2 l Jerrican, pallet of 144 2 l jerricans, i.e. 0.288 t
- 5 l Jerrican, pallet of 56 5 l jerricans, i.e. 0.280 t
- 20 l Jerrican, pallet of 24 20 l jerricans, i.e. 0.480 t

STORAGE: 12 months.

CONSUMPTION

- As an indication:
- As a rough coat: 0.5 to 1 L per bag
 - As a slurry: 0.12 l/m²/mm
 - As mortar: 0.6 l/m²/cm
 - Additive for C1 Adhesive Mortar and Grouting Mortar: 1 l/25 kg.

AREA OF USE

ADHESIVE COATS

- Adhesive rough coat for single-coat or conventional plasters.
- Adhesive slurry for adhesive screeds.
- Slurry for sealed installation of tiles.
- Concrete repairs.

- Screeds in U4P4 and U4P4S heavy traffic premises.
- Compatible with underfloor heating (plasticizing effect).

- Additives for C1 adhesive mortar to obtain C2 performances.
- PRB mortar Data Sheets.
- PRB process sheets.
- PRB Specifications document n°2 for installation in U4 P4 and U4 P4S premises of September 2008.
- DTU 26.1, 26.2, 52.1, 65.14, CPT n° 3606 and 3164...

LIMITS TO USE

- Do not use pure.
- Do not use alone as an adhesive primer.

HIGH PERFORMANCE MORTARS AND MICRO-CONCRETES

- Pool and tank waterproofing compounds.

ADDITIVES FOR PRB INDUSTRIAL MORTARS

- Rough coat and 1st coat of Single-coat and Traditional renders.
- Powdered wall renders.
- Special Mortars.
- Grouting mortars for tiles.

USAGE CONDITIONS

- Between 5°C and 40°C.
- Do not use in the event of frost, on frozen or thawing substrates.
- Wetting of the substrate: the substrate must be wet but not dripping with water before application.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Concentrated synthetic resin in aqueous dispersion and specific additives.

PRODUCT

- Presentation: White liquid to be diluted
- Density: 1
- pH: 8 ± 1

- Dry extract: 50 ± 2%
- Dilutions: depending on use, 1 volume of PRB LATEX for 2 to 3 volumes of potable water.

PREPARATION

SUBSTRATE PREPARATION

Substrates must be:

- Healthy, cohesive, strong and clean, free of dust and must not release moisture.
- Free of any traces of releasing agent, grease, curing products, laitance and other powders: these elements that adversely affect adherence must be completely eliminated.
- Wetting of bricks, breeze blocks, cement: wet substrates well beforehand (with the exception of plaster-filled masonry: contact us).

water by the added latex quantity).

MIXING

- Manually, with a cement mixer or mixer.
- Use the mortar as soon as a consistent mixture has been obtained.
- Clean tools before it hardens.

PREPARATION COMPOUNDS:

- After preparing the substrate, mix the **Rough coat**, then apply it in an even thickness of 3 to 5 mm. The surface will be rough to improve adherence.
- Let the rough coat set (hard under the thumbnail) before rendering.
- Then apply the Single-coat or Traditional render.

SCREDS:

- After preparing the substrate, spread **Mix 2 Slurry** using a brush, in a layer a few millimetres thick.
- Mix the mortar screed as you progress, on the still fresh and tacky slurry. Even out the mortar using the "compaction" straight edge, then finish by smoothing with the trowel or float.
- For high performance screeds: mix the mortar using **Mix 1 Special** solution using 1 volume of PRB LATEX for 3 volumes of water.
- Protection from drying: by curing using **Mix 1 Solution** by spraying as soon as the mortar stiffens, then wet after 24 hours.

MORTARED TILE LAYING (DTU 52.1):

- Reduces drying times by 50% at 20°C:
- To achieve faster access time (heavy traffic after 7 days in a Superstore) mix the mortar using **Mix 1 Solution** using a 1 for 3 resin/water proportion.
- Set the screed as indicated above and lay the tiles as you progress.
- On the fresh mortar, spread a cement slurry mixed using **Mix 1 Solution**, apply the tiles to the fresh slurry and then beat them. Final beating is carried out as you progress before the mortar hardens.
- Depending on the requirement: large size, very low porosity or tiles with high relief on the backs, carry out "double slurring" on the screed + back of tiles.

REPAIRS AND SMOOTHING:

- After preparing the substrate, prepare **Mix 2 Mortar**.
- Impregnate the part to be levelled using **Solution Mix 1** then, before drying, apply and dress **Mix 2 Mortar**.
- Finish the smoothing and reshaping immediately by adjusting using a stainless steel float.

CONCRETE REPAIRS:

- On the concrete to be repaired.
- Wash using a high-pressure hose.
- Prepare a **Mix 2 Mortar** to a plastic consistency, then spread it on the damp surface in a layer of 2 to 3 cm.
- Pour the concrete immediately and vibrate it carefully (see trade practices).

PLASTER COMPOUNDS (UTD 25.1):

- Mix the plaster render using a "**Special solution**": 1 volume PRB LATEX resin for 4 volumes of water.

GROUTING

- To improve the strength and waterproofing of grouting mortars, PRB LATEX can be used at 1 l per 25 kg bag: plan on a mix rate reduction of about 10 %.
- Fill the joints by small surface areas then smooth and clean immediately with a sponge without too much water.
- Carry out a test beforehand.
- Do not leave to harden on the tiles.

PRECAUTIONS FOR USE

- Shake the product before use.
- Binder dosages must comply with professional rules.
- Read the safety data sheet before using.