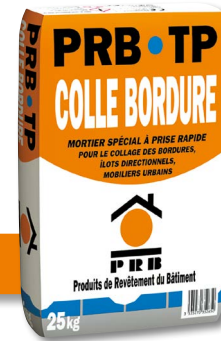


PRB TP COLLE BORDURE

SPECIAL QUICK-SETTING MORTAR TO FIX KERBS,
DIRECTIONAL ISLANDS, URBAN FURNITURE.



The PRB TP COLLE BORDURE +

- + Direct bonding onto hot mix and concrete
- + Very quick recommissioning
- + Withstands de-icing salt and oils
- + Easy kerb pointing
- + Thixotrope: possible thicknesses up to 15 mm



CLASS R1 as per EN 1504-3

PACKAGING

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

STORAGE: 6 months.

CONSUMPTION

- As an indication:
- 2 kg/m²/mm thickness.
 - For kerbs 25 cm wide, 2.5 kg/m.

COLOUR: Grey.

AREA OF USE

USE

- PRB TP COLLE BORDURE is used on exterior ground surfaces.
- Public works, Roadworks, Urban furniture.
- Quick bonding of kerbs, directional islands, sign posts.
- Bonding of planters and urban furniture.
- Binding of concrete or stone slabs or paving.
- Kerb pointing.

AUTHORISED SUBSTRATES

- Use on the ground on:
- Concrete.
 - Hot mix.
 - Asphalt.
 - On industrial flooring and specific structures, contact us for a preliminary study.

PROHIBITED SUBSTRATES

- Do not use on substrates that are:
- dripping or releasing moisture,
 - oily,
 - painted or covered with organic products (to be completely eliminated),
 - crumbling or weak concrete.

APPLICATION CONDITIONS

- Between 5°C and 35°C.
- Do not apply on substrates that are frozen or thawing, soaked or exposed to driving rain, on overheated substrates (soft hot mix).
- Do not apply if there is a risk of freezing in the next 24 h.

TECHNICAL CHARACTERISTICS

COMPOSITION

- Special cements, silica sands, specific additives.
- Apparent density of the powder: 1.40 ± 0.10 t/m³
- Grading: 0 to 2 mm.

PERFORMANCES

- Density of the hardened mortar: 1.90 ± 0.15 t/m³
- Adherence on concrete: ≥ 1 MPa
- Tensile/Bending strength: ≥ 5 MPa
- Compressive strength: ≥ 40 MPa
- Dynamic modulus of elasticity: 20,000 MPa ± 5000 MPa

PREPARATION (values for use at 20°C)

- Mix usage time: 30 min
- Laying time after levelling using a serrated spreader (max): 10 min
- Element adjustability time (max): 20min
- Time before commissioning: 5 to 8 h (avoid impacts and traffic during this time)
- Fire behaviour (non-combustible): A1 (M0)

These values are standard laboratory testing values determined using applicable technical guides. The preparation conditions may modify them significantly. The times indicated at 20°C are extended at lower temperatures and shortened at higher temperatures.

PREPARATION

SUBSTRATE PREPARATION

- Hot mix or concrete substrates must be healthy, clean and strong.
- Eliminate road signage paint and oil stains by scraping and scratching, remove debris and sand.
- Remove dust by brushing, sweeping, HP water hose or using compressed air.
- Hot mix: Clean the surface 24 hours before bonding using a high pressure water hose.
- Concrete: wet them in hot weather or if exposed to direct sunlight, then wait for the liquid water to drain from the surface or dry. On closed concrete (surfaced), increase roughness by sanding.
- Levelness defects: level - calibrate the substrate using PRB TP COLLE BORDURE on the day before laying, thickness possible up to 15 mm.

INSTALLATION

- Install the kerbs and furniture by tracing or aligning using a cord as per the installation plans.

PRODUCT PREPARATION

- Mix PRB TP COLLE BORDURE with about 16 % potable water, i.e. 4 L per 25 kg bag.
- In a clean mixing container, add the powder to the water progressively, mixing until an even mortar is obtained with a plastic consistency.
- Mix preferably using a low speed mixer (500 rpm) or a concrete mixer for 2 minutes. Never remix a set mix using added water.
- Mix usage time: considering the quick setting time, the quantity of adhesive mortar must correspond to the quantity used within the 30 minutes following mixing.

APPLICATION

- Spread PRB TP COLLE BORDURE onto the substrate using a trowel or shovel in a 10 mm thick layer on the full width of the elements to be bonded. On hot mix, correctly fill the mortar asperities.
- Even the thickness using a DL 20 comb then, once this has been done, immediately lay each element on the lines of fresh mortar.
- Adjust the elements using a rubber mallet.
- After pressing, the adhesive mortar thickness must be greater than 3 mm.
- To point at the same time, on the side of each laid kerb, apply PRB TP COLLE BORDURE at an even thickness, then lay the next kerb pressing it against the previously laid element in order to achieve a full joint. Trim the edges and complete the pointing using a towel.

- Decorative elements should be cleaned of all traces of mortar immediately using a sponge and clean water before it hardens.

PRECAUTIONS FOR USE

- Refer to the regulatory labels on the packaging and to the safety data sheet before use.
- Comply with applicable regulations.
- Read the safety data sheet before using.
- Clean tools and stains using water before the mortar dries.
- Do not allow it to harden on furniture, paving or decorative elements because the mortar is very difficult to remove once set.

PRB TP COLLE BORDURE
ROADS: BONDING AND BLOCKING

FACADE
SPECIALIST MASONRY