

PRB PASSIVANT ACIER



STEEL REINFORCEMENT ANTI-CORROSION PRIMER

The **+**s of PRB PASSIVANT ACIER

- + Rebar and steel reinforcement anti-corrosion protection for reinforced concrete
- + Solvent based
- + Recoatable in 2 hours
- + Compliant with standard NF EN 1504-7



PACKAGING

- 3L tin.

STORAGE LIFE

- 12 months in unopened original packaging at an ambient temperature of between 5 and 35°C.

CONSUMPTION/USE

- 10 m²/L.

COLOUR

- Reddish brown.



AREA OF USE

USES

- PRB PASSIVANT ACIER is a single-component, solvent-based primer for protecting steel reinforcement against corrosion.

APPLICATION CONDITIONS

- Do not apply if ambient temperatures are below 5°C.
- Do not apply on frozen or thawing substrates.
- Do not apply in hot weather (above 30°C).
- Do not apply in the rain.
- Do not use on galvanised (zinc-coated)

steel

- Substrate temperature: between 5 °C and 25 °C
- Ambient temperature / relative humidity: 8°C to 30°C with RH of < 70%

TECHNICAL CHARACTERISTICS

PRODUCT

- Appearance: matt.
- Colour: reddish brown
- Density: 1.55±0.05.
- Dry extract: 75.5 ± 2%.

APPLICATION CHARACTERISTICS at 20°C and 50% humidity

- Free of dust: 10 mins.
- Tack free time: 15 mins.
- Fully recoatable/uncoated: 2h.

- Recommended dry thickness: 80 microns dry (max 90 µ*); 145 µ wet.

*Above 100 µ dry, risk of cracking and crazing of the paint film

UTILISATION

SUBSTRATE PREPARATION

• **Metal surfaces:**
Hammer off thick layers of rust. Remove all traces of oil, rust, scale, grease and dirt, as well as any loose material. Prepare the surface by sandblasting or shot blasting to preparation grade Sa 2.5 or degreasing and/or brushing to preparation grade St2 - St3. Careful attention must be paid to foreign particles such as water-soluble salts and welding residues. These contaminants cannot be completely removed from the substrate by dry, hand or machine cleaning; wet scouring or high-pressure washing should be used.

Fully expose the reinforcements.

PRODUCT PREPARATION

- Mix PRB PASSIVANT ACIER using a mechanical mixer set at a low speed until a smooth mixture is obtained.

APPLICATION

With a brush:

- Apply a thick coat to the cleaned reinforcements. Avoid contact with the concrete.
- Wait until completely dry before applying repair mortar.
- Can also be applied using an airless sprayer

Recommendations:

- If work is stopped, tools should be cleaned with white spirit before they dry out.
- Gloves are recommended.
- Always refer to the corresponding safety sheet.