



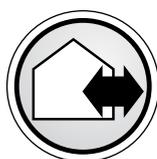
P.T.B.- REPARATIEMORTEL

Repair mortar

CE
POLYTECHNISCH BEDRIJF BVBA/SPRL – P.T.B.-COMPAKTUNA® INDUSTRIEPARK ZWIJNAARDE 6 9052 GENT – BELGIUM
13 031/CPR/130701 EN 1504-3
P.T.B.-REPARATIEMORTEL
PCC mortel voor niet-structurele herstelling van beton/ Mortier à base de ciment hydraulique (PCC) pour la réparation non structurelle du béton/ Polymer modified mortar based on hydraulic cement (PC) for non-structural repair of concrete structures/ Polymermodifizierter Zementmörtel (PCC) zur Instandsetzung (nicht statisch) von Betontragwerken
Druksterkte/Résistance à la compression/Compressive strength/ Druckfestigkeit: class R1
Chloride-ion gehalte/ Teneur en ions chlorure/ Chloride ion content/ Chloridionengehalt : ≤ 0,05%
Hechtsterkte/Adhérence/Adhesive Bond/ Haftvermögen: ≥ 0,8 MPa
Gehinderde krimp/ Retrait expansion empêchés/ Restrained shrinkage/expansion/ Behindertes Schwinden/Quellen : NPD
Gevaarlijke stoffen/ Substances dangereuses/ Dangerous substances/ Gefährliche Substanzen : comply with 5.4
Brandklasse/Résistance au feu/ Reaction to fire/ Brandverhalten : F



Characteristics



P.T.B.-REPARATIEMORTEL is a ready-for-use universal product for small and medium-size repair work, both vertical and horizontal, to concrete and masonry.

P.T.B.-REPARATIEMORTEL consists of first-grade selected sand and cement types, enhanced with additives that lend superior properties to the product. The product serves as both a covering coat and an adhesive coat. It possesses excellent adhesive qualities, is highly waterproof, and has a remarkable final resistance. In addition, it hardens quicker and has a minor shrinkage.

Mixing ratio	Consumption	Packaging
Adhesive layer: ± 15 % water Covering layer: ± 10 % water	Adhesive layer: ± 2 mm thickness = ± 3 kg/m ² Covering layer: ± 2 kg /mm per m ²	5 & 25 kg
Colours	Processing time	Application temperature
Grey	± 15 min.	+ 5°C till + 30°C

P.T.B.-REPARATIEMORTEL

Directions for use

Always use the product on a clean, solid, dust and oil-free substrate. It is necessary to scrape away the rust from the reinforcement, for instance with a steel brush. Next, dampen the substrate.

The application of P.T.B.-REPARATIEMORTEL is done in two layers:

Adhesive layer

Mix the dry mortar with water until a brushing-paste consistency (± 15 % water) is obtained. After careful mixing, leave the resulting mortar to settle for 5 minutes. Next, vigorously stir the mortar once again. This paste is then brushed with a brush onto the places for repair. Let the adhesive layer settle.

Covering layer

Mix the dry mortar with water until a thick, homogenous plastic mortar (± 10 % water) is obtained. After careful mixing, leave the resulting mortar to settle for 5 minutes. Next, vigorously stir the mortar once again. This mortar is applied with a trowel onto the still damp adhesive layer. Compact with a plastic float and smooth put with a wet trowel. For greater thickness it is necessary to add filler matter, for instance rough sand, to the repair mortar. It is possible to add up to 30 % sand of a thickness of 0-3 mm.

After drying of the repair, the touched-up spot can be painted with our outdoor POLYCOLORIT® paint.

Remarks

- The temperature during processing needs to be between + 5°C and + 30°C.
- Protect the repair mortar against too fast drying by means of dampening the repair spots after application.
- Do not mix more mortar than can be used within 15 minutes.
- When stored in a dry place, P.T.B.-REPARATIEMORTEL can be kept for a minimum of 6 months.
- Application tools must be washed off with water immediately after use.
- The product does not contain any matter that is aggressive to skin and clothing.

Packaging

P.T.B.-REPARATIEMORTEL is available in grey colour, in bags of 25 kg and 5 kg. Each bag of 25 kg contains a bag of polyethylene.

