

PRMTM200

Polymer-modified Flowable Repair Mortar



Building
&
Transportation



Oil, Gas
&
Industrial



Offshore
&
Onshore



Water
&
Wastewater



PRODUCT DESCRIPTION

CTech-LLC[®] PRMTM200 is a two-component, high quality polymer modified cement-based mortar for patching and repairing of concrete. PRMTM200 is shrinkage compensated and easy to apply product designed for the structural repair of concrete elements in hard to reach places.

ADVANTAGES

- Cement-based structural repair mortar.
- Polymer-modified.
- Flowable repair mortar.
- Excellent durability and adhesion.
- Interior and exterior service conditions.
- Easy to apply.
- High compressive and flexural strengths.
- Shrinkage compensated.
- Can be pumped or poured

TECHNICAL DATA

	Unit	PRM TM 400
Compressive Strength	MPa	34.5
Direct Tensile Strength	MPa	4.5
Flexural Strength	Mpa	6.2
Bond Strength	Mpa	10
Initial Set @ 70°F	hr.	1.5 to 3
Final Set @ 70°F	hr.	4 to 5

TYPICAL USES

PRMTM200 is a most durable concrete repair mortar for areas with congested steelwork.

INSTALLATION PROCEDURE

PREPARATION OF SUBSTRATE

All surfaces to be in contact with PRMTM200 product shall be free of oil, grease, laitance and other contaminants. Concrete must be clean, sound, dry and roughened to ensure a good bond.

MIXING

CTech-LLC[®] PRMTM200 liquid (Part B) and powder (Part A) must be mixed mechanically to a uniform homogeneous consistency in a clean mixing vessel using a low-speed drill (300-450 rpm) with a "Jiffy-type" or similar approved mixing paddle.

APPLICATION

The mixed material can be placed or pumped behind the formwork, or poured into the patch repair area.

STORAGE & SHELF LIFE

One year from the date of manufacture in original unopened packaging when stored in dry conditions; high relative humidity will reduce shelf life.

CAUTION

This product may cause skin irritation. Do not inhale vapors. Provide adequate ventilation. Protect against contact with skin and eyes. Wear rubber gloves, long sleeve shirt, goggles with side shields. In case of contact with eyes, flush repeatedly with water and contact a physician. Areas of skin contact should be promptly washed with soap and water. Do not take internally.

CTech-LLC[®]

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IMPORTANT NOTE:

Before using any CTech-LLC[®] product, the user must review the most recent version of the product's technical data sheet, material safety data sheet and other applicable documents, available at www.ctech-llc.com.

WARANTY:

CTech-LLC[®] warrants its products to be free from manufacturing defects. Buyer determines suitability of product for use and assumes all risks. Buyer's sole remedy shall be limited to replacement of product. Any claim for breach of this warranty must be brought within one month of the date of purchase. CTech-LLC[®] shall not be liable for any consequential or special damages of any kind, resulting from any claim or breach of warranty, breach of contract, negligence or any legal theory. The Buyer, by accepting the products described herein, agrees to be responsible for thoroughly testing any application to determine its suitability before utilizing.
