

PRM™200

Polymer-modified Flowable Repair Mortar

PRODUCT DESCRIPTION

PRM™200 is a two-component, polymer modified cementitious mortar used for repairing deteriorated concrete. The product is shrinkage compensated, flowable mortar which formulated for the structural repair of concrete elements in areas of congested reinforcement where hand or spray application is not possible.

PRODUCT FEATURES

- No segregation or bleeding.
- Free flowing through congested reinforcement arrays
- Polymer modified.
- Excellent adhesion and durability.
- Easy to use
- For concrete replacements up to 200 mm thick in one layer.
- Shrinkage compensated.
- Does not contain chlorides.
- Pumped or poured

PRODUCT USES

PRM™200 is used for the structural repair of concrete elements in hard to reach places.

HOW TO USE

SURFACE PREPARATION

At the time of application of PRM™200, the substrate should be completely dry, free from dust, greasy matters, paint and laitance.

MIXING

Mix the PRM™200 liquid (Part B) and powder (Part A) to obtain a homogeneous mix, using a low speed electrical mixer.

APPLICATION:

The PRM™200 can be placed or pumped behind the formwork, or poured into the patch repair area.



Polymer-modified Flowable Repair Mortar - PRM™200

CLEANUP

Hardened / cured material can only be mechanically removed.

PACKAGING

Component: A = 25 kg bag, B = 5 Liter jug

STORAGE

12 months after manufacturing date in original unopened packaging when stored in dry conditions; high relative humidity will reduce shelf life. Protect from direct sunshine.

FIRST AID

In case of skin contact, wash thoroughly with soap and water. For eye contact, flush immediately with plenty of water; contact physician immediately. For respiratory problems, remove to fresh air. Wash clothing before reuse.

DISCLAIMER OF LIABILITY

AFZIR, 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 six months of the date of purchase.

AFZIR 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 committing to production.

TECHNICAL DATA

Compressive Strength	34.5 MPa
Flexural Strength	6.2 MPa
Direct Tensile Strength	4.5 MPa
Bond Strength	10 MPa
Initial Set	approx. 1.5 to 3 hrs.
Final Set	approx. 4 to 5 hrs.

HANDLING

Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling epoxy resin mortar to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles. Ventilate area. In absence of adequate ventilation, use properly fitted respirator.