

# PRM™500

Polymer-modified Repair Mortar for Use in Contact with Potable Water

### PRODUCT DESCRIPTION

PRM™500 is a two-component, polymer modified cementitious mortar for repair application where contact with potable water is required.

### PRODUCT FEATURES

- Specifically formulated for restoration of concrete where contact with potable water is required.
- Containing antibacterial minerals.
- Regulation 31 approved for use in contact with potable water.
- Polymer modified.
- Easy to use
- Can be applied at 10-50mm in thickness per layer.
- High performance for extreme durability and protection of embedded reinforcement.

### PRODUCT USES

PRM™500 is used for the structural repair of concrete elements where contact with potable water is required.

### HOW TO USE

#### SURFACE PREPARATION

At the time of application of PRM™500, the substrate should be completely dry, free from dust, greasy matters, paint and laitance.

#### MIXING

Mix the PRM™500 liquid (Part B) and powder (Part A) to obtain a homogeneous mix, using a low speed electrical mixer.

#### APPLICATION:

Apply PRM™500 repair mortar with a stainless steel trowel or gloved hand, pressing firmly to ensure bonding

#### TECHNICAL DATA

Compressive Strength	60 MPa
Flexural Strength	11.6 MPa
Tensile Strength	3.657 MPa
Working Life at 20°C	Approx. 10 mins
Set Time	approx. 40 to 45 mins

#### HANDLING

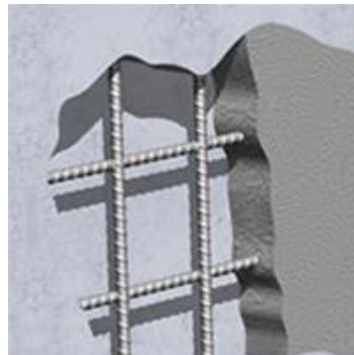
Approved personal protection equipment should be worn at all times. Particle mask is recommended for possible airborne particles. Gloves are recommended when handling mortar to avoid skin irritation. Safety glasses are recommended to prevent eye irritation. Wear chemical resistant clothing/gloves/goggles.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

#### CLEANUP

Hardened / cured material can only be mechanically removed.

#### PACKAGING

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



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#### 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.