

PRODUCT DESCRIPTION

PRM™400 is a two-component, polymer modified cementitious, trowel-grade mortar used for repairing deteriorated concrete. The product is shrinkage compensated, which allows it to be used for vertical, horizontal and overhead application for large or small repairs.

PRODUCT FEATURES

- Two component – high polymer-to-cement ratio.
- High compressive, flexural and tensile strengths.
- Thixotropic repair mortar.
- Suitable for repairs from featheredge to 2".
- Tenacious adhesion to prepared substrates.
- Excellent workability
- Easy to use

PRODUCT USES

- Concrete repairs on grade, above and below grade.
- Horizontal, vertical and overhead surfaces.
- Interior and exterior service conditions.

HOW TO USE

SURFACE PREPARATION

At the time of application of PRM™400, the substrate should be completely dry, free from dust, greasy matters, paint and laitance.

MIXING

Mix the PRM™400 liquid (Part B) and powder (Part A) to obtain a homogeneous mix, using a low speed electrical mixer.

APPLICATION:

Apply PRM™400 repair mortar with a stainless steel trowel or gloved hand, pressing firmly to ensure bonding.



Polymer-modified Repair Mortar - PRM™400

PACKAGING

Component: A = 25kg, B = 5L

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	28.5 MPa
Tensile Strength	5.51 MPa
Flexural Strength	8.27 MPa
Adhesion	>2.6 MPa
Initial Set @ 70°F	1 hr.
Final Set @ 70°F	4 hrs.
Mixing Ratio (Parts A:B) by Weight	5:1

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.