

PRODUCT DESCRIPTION

PRM™200 is a ready-to-use, one component, non-shrinkable and non-segregating product which is compound with a high adhesion concrete. PRM™200 can be used to repair concrete and reinforced concrete structures by pouring to a thickness of 10 to 200 mm (or more, if coarse aggregate is added) to obtain high compressive and tensile strength.

PRODUCT FEATURES

- Fast-hardening mortar
- Excellent application properties.
- Ultra rapid strength build-up.
- Higher thickness possible
- Excellent adhesion and excellent durability.
- Very good reinforcement protection
- Mortar composition can be formulated for application at any thickness.

PRODUCT USES

- concrete pavements of roads, airfields, parking areas and bridges;
- Hydraulic structures and water transport facilities
- Reinforced structures - girders, supports, bridge plates
- Grouting precast structure joints
- Repair of concrete exposed to aggressive environments
- Grouting of metal constructions
- Fixing metal elements in concrete foundation
- Bedding small to medium size manhole frames.
- Optimizing traffic management.
- Very short traffic disruption periods.

TECHNICAL DATA

Colour	Grey
Maximum size of a filler	2.5 mm
Minimum Layer Thickness	10 mm
Compressive Strength	min
2 hours	25
4 hours	35
1 day	45
28 days	70
Tensile Strength	
2 hours	3.5 N/mm ²
4 hours	4.5 N/mm ²
1 day	6 N/mm ²
28 days	9 N/mm ²

HOW TO USE

SURFACE PREPARATION

Before application of PRM™200, cut the damaged area edges perpendicular to the repair surface to a minimum depth of 10 mm.

Remove rust from rebars. If the structure under repair is used in environments aggressive to concrete and steel

MIXING:

- Pour water at the rate of 3.45 liters of water per one 25 kg PRM™200 bag
- Add PRM™200 continuously into the mixer
- Continue mixing for at least 4 minutes.



Pourable Polymer Modified Traffic Bearing Repair Mortar-PRM™200

APPLICATION:

- Pour the prepared PRM™200 compound continuously, without vibration. Pouring shall be arranged from one side to prevent air entrapment.
- Placed mix ramming is advisable.
- Surface of the product laid on the horizontal surface may be smoothened by a grater.

HANDLING

Approved personal protection equipment should be worn at all times. For example do not eat, smoke or drink while working and wash hands when taking a break or when the job is completed.

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.

STORAGE

Store in dry, shaded conditions away from sources of heat and ignition

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.

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