

### PRODUCT DESCRIPTION

ERM™200 is a quick setting, high strength, trowel applied, two component epoxy resin mortar, designed for rapid and permanent repairs to concrete and masonry surfaces. ERM™200 is designed for repairs to spalled or damaged concrete, chemical bunds, bedding pre-cast concrete beams, repair of expansion joints and floor repairs. Dependent upon temperature, strengths in excess of those of 28-day-old concrete can be gained within 24 hours. Mainly intended for horizontal surfaces, bonds tenaciously to concrete, masonry and non-vibrating steel, allowing a hard durable repair to be made without delay.

### PRODUCT FEATURES

- Fast curing characteristics
- Pre-packed units – ready to use
- Impact and abrasion resistant
- Excellent chemical resistance
- Can be laid in thin sections.
- Frost resistant and impervious to water
- Excellent mechanical properties
- Unaffected by a wide range of acids, and industrial chemicals
- Negligible shrinkage
- High bond strength – no primer required
- Cures under damp, cool conditions Ease of handling.

### PRODUCT USES

- Suitable for indoor and outdoor use
- Can be trowelled to a feather edge
- Simple to mix.
- Abrasion, chemical and solvent resistance
- Bedding pre-cast concrete beams
- Bridges
- Roads
- Industrial structure

### HOW TO USE

#### SURFACE PREPARATION

The substrate must be of sound quality and of adequate strength to receive Concrete. substrates must be free from dirt, grease, oil, fats, or any other contaminant. To ensure a sound surface, all laitance should be removed by mechanical preparation or grit blasting. Remove dust and thoroughly clean off. New concrete should be at least 28 days old.

#### MIXING

Each pack contains the correct proportion of base and hardener. No attempt should be made to mix only a portion of the pack. Units can be mixed thoroughly by trowel, for larger quantities a suitable mechanical mixer must be used.

#### APPLICATION

Once mixed, ERM™200 Epoxy Repair Mortar can be troweled directly onto the surface without the need for priming. On porous substrates, priming may be required.

Apply ERM™200 and compact into place, trowel may be moistened with a solvent based wipe to achieve a smooth finish and to stop the material sticking to the trowel.



Two Component Epoxy Repair Mortar- ERM™200

### TECHNICAL DATA & PHYSICAL PROPERTIES

Chemical Base	Epoxy resin
Colour	Grey paste
Compressive Strength	≥10 N/mm <sup>2</sup> MPa
Tensile Adhesion Strength	≥0.8 N/mm <sup>2</sup> MPa
Consumption	2kg will cover approx. 0.75m <sup>2</sup> @ 2mm thickness
Layer Thickness	10 mm
Substrate Temperature	+5°C min. / +35°C max.

### 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.

### STORAGE

ERM™200 should be stored in dry conditions at temperatures between +5°C and +35°C.

### 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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