



4.140 GEMPATCH ERM EPOXY REPAIR MORTAR

Composition and Properties

- GEMPATCH ERM is a 2 part trowelable epoxy repair mortar which is solvent free.
- It is suitable for over coating with GEMCOAT EFS epoxy sealer, and then GEMCOAT EFC epoxy floor coating.
- It is formulated to fill cracks & holes in concrete and has good impact resistance.
- It is ideal for factory floors, changing rooms, toilet & shower blocks etc.
- It has low temperature cure and will tolerate damp surfaces and less than perfect surface preparation.

Physical properties

- Odour: low odour
- Solids: 100%
- Coating Type: Epoxy
- Packaging: Two part pack - makes up 2 or 8 litres
- Mix ratio: 1:1
- Pot Life: 30 min at 20 degrees Celsius
- Coverage: 1 metre/litre @ 1cm DFT(theoretical - depends on substrate)
- Cure tack free: Typically 1-4 hours - will vary according to temperature & humidity
- Cure hard 24 hours for light foot traffic,7 days full cure

Surface Preparation

- Loose material must be removed e.g. concrete, old paint.
- All oil, grease, and other contaminants must be removed (GEMPREP 2000 is recommended).
- New concrete must be cured 4 weeks minimum then either acid etched or ground to remove laitance.

Method of Application

- Add hardener to base and thoroughly mix by hand or with a putty knife on a board or similar.
- Tack free is usually 1-4 hours.

Handling Precautions

- Avoid contact with eyes and skin. Do not ingest. Use with adequate ventilation.
- Protective clothing, eye protection, and gloves should be worn.
- Do not breathe vapor. Keep away from children.

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