

REPAIR[®]

Concrete Repair



RAMKA
CONSTRUCTION
CHEMICALS

REPAIR[®] powdered concrete repair mortar is a ready-to-use repair product with high workability and strong adhesion. It covers concrete surfaces uniformly and reduces surface permeability. It is used to repair and level surfaces and to fill voids, cracks, and holes around bolts. Quality polymer resins in its formulation improve its waterproofing properties, making it suitable for waterproofing repair work.

Guideline for Use

Surface preparation: remove all dust and contamination. Add water slowly to the repair material and mix with an electric mixer until a uniform mortar is obtained, then dampen the substrate. Application: for local repairs, apply a suitable amount of prepared mortar to the damp surface with a trowel. For extensive repairs, use screed guides; when the repair thickness exceeds 2 cm, build up the prepared mortar gradually. Curing: keep the surface moist by spraying for at least one full day (24 hours).

Applications

- Filling cracks and joints in concrete.
- Smoothing and levelling concrete surfaces.
- Reducing concrete-surface permeability.
- Preparing walls and floors to provide a uniform surface before painting.
- Repairing exterior building surfaces.
- Repairing surfaces exposed to water.

Approvals / Standards

- ASTM C928
- ASTM C1583
- BS EN 12636
- BS EN 12637

Advantages / Benefits

- Exceptional adhesion that provides a strong bond between different concrete surfaces and supports long-term integrity of repaired or reconstructed areas.
- Compatible with a range of construction materials, including reinforcement and steel bars, for minor defects and wider surface repairs.
- Creates a uniform surface, masks surface irregularities, and provides resistance to environmental exposure and freeze-thaw cycles.
- Reduces surface permeability by forming a protective layer against moisture ingress and water-related damage.
- Quality polymer resins improve adhesion and waterproofing performance, providing an effective barrier against water-related problems.

Product Data Sheet

REPAIR[®] CONCRETE REPAIR SERIES

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Storage

+10 to +30 °C; keep away from moisture and direct sunlight.

Packaging

25 kg bag

Shelf Life

One year in the original packaging.

Health and Safety

- This material is not hazardous to human health or the environment, but it must not be swallowed or allowed to contact the eyes.
- In case of accidental contact with skin or eyes, immediately rinse the affected area with plenty of fresh water.
- If swallowed, seek medical attention immediately.
- Refer to the Material Safety Data Sheet (MSDS).
- This material is non-flammable.

Basis Of Data

Product Information

Chemical base	Cement-based mortar
density	2/3±1 g/cm ³
Chloride ion	None



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Tel: (+98)2533557596

Mail : info@Ramkaco.com

1st Floor, Loghman St., Qom, Iran

www.RamkaCo.com

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