



Epoxy Patch Repair Kit

ER-1000

50/50 Mix Fast-Setting, Blended Resin + Kiln Dried Sand, Self Priming Mortar, 10-50mm Deep Application

Description

ER-1000 is an incredibly strong (65N/mm² Compressive Strength) 50/50 mix, therefore, no waste with mixing amounts will be generated, quick and easy to apply as a [self-priming floor repair system](#), making it hassle and disruption free. Designed as a rapid curing permanent repair, which can be feather edge.

Coverage

Coverage varies widely due to the profile of different depths.

10 kg & 20 kg Kits Available
 2kg = 1mm Thickness / m²

* Coverage figures given are theoretical. Practical coverage rates may vary due to wastage factors and the type, condition, profile and porosity of the substrate.

Environmental Conditions

ER-1000 should not be used or applied at temperatures outside of at range of <10°C to >25°C
 *temperature control will be required if below this range.

Otherwise, this will effect the cure period, surface finish and strengths. Surface temperature must be at least 3°C above the dew point. Air temperature should be above 5°C and relative humidity at less than 40%.

Maximum application temperature is 40°C. Best conditions are 15°C-25°C, these conditions should be maintained during all the curing time. Application should be done with plenty of air ventilation.

Features & Benefits

- Self Priming
- Fast Curing
- Very high Compressive Strength
- 1 to 1 mix, so no waste
- Can be feather edged
- Easy To apply

Mixing

Pour part B into part A, stir and completely blend both components using a low-speed mixer using paddle mixer for a minimum of 3 minutes @ 300-400 rpm.

Product Application

Mix all components thoroughly, apply by trowel onto desired area to be repaired.

Ensure a smooth finish is achieved at the top of the surface to reduce excessive sanding or grinding once cured.

Suitable Substrates

Thoroughly prepared concrete, polymer modified sand and cement screeds.

Substrate Requirements

The substrate must be clean, dry with a moisture content less than 5% (75% RH) and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.

The substrate should be free from rising damp and ground water pressure and contain a functional damp proof membrane. Inadequate preparation will lead to loss of adhesion and failure.

Oil & Grease

Isolated contamination should be removed using an appropriate degreaser, rinsed thoroughly, and allowed to completely dry. A coat of **OT-235 (Oil Tolerant Primer)** should then be applied (see separate datasheet)

Return To Service

Foot traffic allowed **4-6 hours** (approximately).
 Heavy traffic use can be achieved after 24-48 hours.
 Caution: Contact with water when not fully cured may lead to white stains.



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CHEMICALS

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Technical Information

PRODUCT INFO BEFORE APPLICATION

	Component A	Component B
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Packaging Kits

10kg kit - Component A & B
20kg kit - Component A & B

Non-volatile content (%) approximate	>95%	98%
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Colour	Black	Buff
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Mixing Ratio	A = 50 by weight	B = 50 by weight
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Use Before	12 months after manufacturing date	
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Pot Life	Temp (°C)	Pot Life (100 g, min)
	20	20 mins

Storage Keep between 15°C and 30°C.
Keep all components at room temperature for 24 hours before use.

Shelf Life 12 Months (if unopened)

FINAL PRODUCT INFORMATION

Final State	Rigid, material
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Use Temperature	Stable up to 80°C
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Disposal of Containers

Empty containers must be handled with the same precautions as if they were full. Treat empty containers as hazardous waste, and transfer them to an authorized waste manager. If the containers still have some material left, do not mix with other product before considering the risk of potential dangerous reactions.

Technical Advice

For further information on this or any other Sindec product, please contact our office.

Health & Safety

Before using this product, please ensure that you have received and read the product Safety Data Sheet. Refer to hazard labelling on the product. Wear gloves and avoid contact with skin and eyes.

Additional Information

The information contained in this document, and all further technical advice given is based on our present knowledge and experience. However, it implies no liability or legal responsibility on our part. In particular, no warranty or guarantee of product performance in the legal sense is intended or implied as the conditions of use and the competence of any labour involved in the application are beyond our control.

Properties and coverage rates shown are for guidance purposes only. The user of the product must determine the product's suitability for the intended purpose. We reserve the right to make any changes according to technological progress or further developments.

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