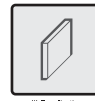
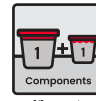


# SAMMOR<sup>®</sup> E

## EPOXY CONCRETE REPAIRING MORTAR



### DESCRIPTION:

- SAMMOR<sup>®</sup> E is a blend of silica aggregates bonded together with epoxy-resin and designed for speedy and permanent repair to concrete.

### ADVANTAGES:

- Ensures early initial hardness and minimises maintenance disruption.
- Provides resistance to a wide range of acids, alkalis and industrial chemicals.
- Excellent resistance to abrasion and gives 3 to 4 times stronger than typical concrete.
- Cured surface is impermeable to water.

### PROPERTIES:

- Initial hardness: 24 hrs
- Full cure: 7 days

### CHEMICALS RESISTANCE:

- Citric acid 10%, Sodium hydroxide 50%, Phosphoric acid 50%, Sulphuric acid 10%, Butanol, Xylene, Salt solution, Car oil, Bleach, White spirit, Hydrochloric acid 50%, Nitric acid 25%.

### METHOD OF USE:

- To produce a trowelable mortar, mix entire quantity of SAMMOR<sup>®</sup> E.
- Apply the prepared mix with a steel trowel and press firmly into primed cracks / surface to ensure positive adhesion.

### RECOMMENDED APPLICATIONS:

- Spilled or cracked concrete structures
- Bedding of pre-cast concrete beams
- Repair of concrete structures of acid tanks, sea walls, industrial floors in plating shops, chemical handling and process areas

## PRODUCT DATA:

<b>Form</b>	Parts I & II: Liquid    Part III: Grains
<b>Base</b>	Epoxy-resin
<b>Colour</b>	Brown
<b>Coverage / Consumption</b>	Gives 8 litres (when entire qty of 16.610 kgs is mixed)
<b>Pot-life</b>	45 minutes at 20°C    30 minutes at 35°C
<b>Ratio</b>	Part I: 2.316 kgs    Part II: 0.294 kgs    Part III: 14.000 kgs
<b>Compressive strength</b>	SAMMOR® E : 44 N/mm <sup>2</sup> Typical concrete : 20 N/mm <sup>2</sup>
<b>Dry time</b>	8 hrs
<b>Curing</b>	3 days (minimum)
<b>Shelf life</b>	12 months 25°C
<b>Safety</b>	Wear goggles and gloves. Inflammable
<b>Packing</b>	16.610 kgs pack

**CONSULT OUR PRODUCT APPLICATION DEPARTMENT (PAD) IN CASE OF ANY DIFFICULTY OR FOR TECHNICAL ASSISTANCE**

SAMROCK products are guaranteed for the performance of material and manufacture.  
The details given here are based on our laboratory and field observations and as such as construed to be reliable. But we shall not accept responsibility for any work carried out with our material as we do not have control over other ingredients, workmanship and field conditions. This data sheet is subject to change in view of constant research and development being undertaken in our laboratories. Customers are advised to contact SAMROCK for the latest version.

## **SAMROCK CHEMICALS (i) LTD.**

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