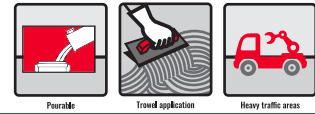


# SAMMOR<sup>®</sup> EM

## EPOXY CONCRETE REPAIRING MORTAR (FLOWABLE)



### DESCRIPTION:

SAMMOR<sup>®</sup> EM is a blend of silica aggregates bonded together with epoxy-resin, and designed for speedy and permanent repair to concrete. It's a solvent-free mortar available in three components

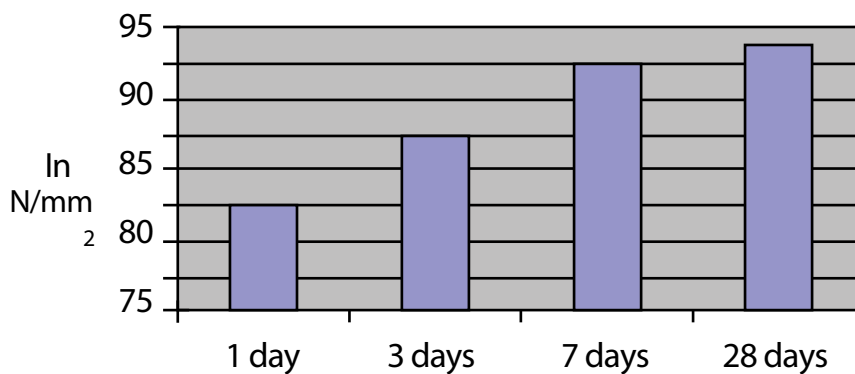
### ADVANTAGES:

- Gives high flexural strength and adhesion substrate ensures excellent performance under dynamic operating conditions.
- Provides rapid installation and strength gain.
- Minimum creep at the time of commissioning of plant.
- Useful where mechanical properties and resistance to a wide range of chemicals, acids and alkalis are required. Resistant to water and frost.

### MECHANICAL PROPERTIES:

- Grain size 0.5mm
- Mixing time 5 minutes
- Apply the prepared mix on the substrate surface with a standard paint brush.

### COMPRESSIVE STRENGTH



### BOND STRESS:

- After 1 day 13 N/mm<sup>2</sup>
- Mixing time 14 N/mm<sup>2</sup>

## SURFACE PREPARATION:

- Clean the substrate surface of oil, grease, laitence, adherent material etc.
- Wash all substrate with clean water and dry.
- For under plate grouting, the gap between the perimeter form work and the plate edge should not exceed 150 mm on the pouring side and 50 mm on the opposite side.

## MIX PREPARATION:

- Pour entire content of hardener into base container.
- Mix until it becomes homogenous.
- Pour the mix into a force-action mixer.
- Add the filler and mix for 2-3 minutes until uniform colour is achieved.

## RECOMMENDED APPLICATIONS:

- For 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>	Part I: Liquid (base) Part II: Liquid (hardener)
<b>Colour</b>	Black
<b>Coverage/Consumption</b>	3 - 4 sq. m. per kg per coat at recommended DFT (when part I and part II are mixed)
<b>Pot life</b>	3 hrs at 25°C, 2 hrs at 38°C
<b>Ratio</b>	Part I: 0.740 kg & Part II: 0.260 kg
<b>Shelf life</b>	6-8 months at 25°C
<b>Safety</b>	Use gloves, protective clothing & goggles
<b>Packing</b>	5-kg and 1 kg tin

**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.

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