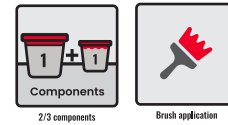


# SAMBOND® EP

## OLD TO NEW CONCRETE BONDING AGENT



### DESCRIPTION:

- SAMBOND® EP is a solvent-free epoxy-based concrete bonding agent available in two components.

### ADVANTAGES:

- Bonds new cementitious materials to existing (old) cementitious surface.
- Offers excellent adhesive strength to concrete.

Properties	at 20°C	at 35°C
Full hardness	48 hr	8 hrs
Full cure time	7 days	7 days

Strength	
Compressive	50 N/mm <sup>2</sup>
Tensile	20 N/mm <sup>2</sup>

### METHOD OF USE:

- Pour the entire content of hardener into the resin container.
- Mix the two components thoroughly until a uniform colour is obtained.
- Mixed SAMBOND® EP should be applied by brush to the prepared surface.
- Apply new concrete within 16 hrs at 20°C and within 6 hrs at 35° C to the SAMBOND® EP coated substrate.

### RECOMMENDED APPLICATIONS:

- Bonding new cementitious materials to existing cementitious surface.
- Horizontal and vertical surfaces where mortar or concrete can be supported by form work.
- Repairs and extensions to structural concrete in factories, loading bays, bridges, roads, bonded or granolithic floor toppings etc.

## PRODUCT DATA:

<b>Form</b>	Part I: Paste    Part II: Liquid
<b>Base</b>	Solvent-free epoxy-resin
<b>Colour</b>	Green (when mixed)
<b>Coverage / Consumption</b>	2.2 sq. m per kg depending on the substrate
<b>Pot life</b>	5-6 hrs at 20°C,   2-3 hrs at 35°C
<b>Ratio</b>	Part I: 0.645 kg    Part II: 0.355 kg
<b>Shelf life</b>	12 months at 25°C
<b>Safety</b>	Use gloves
<b>Packing</b>	1 kg x 12 packs

**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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