

## SAMBOND® CCR

CRYSTALLINE WATERPROOF COATING (POLYMER MODIFIED & CEMENTITIOUS)



Repair / Patch work



Submerged in water application



Interior application



Exterior extreme condition

### DESCRIPTION:

- SAMBOND® CCR is an acrylic modified cementitious coating available in two components. It is made up of Portland cement, very fine-treated silica-sand and various active proprietary chemicals. SAMBOND® CCR causes a catalytic reaction, while penetrating into concrete with the by-products of cement hydration, which generates a non-soluble crystalline formation throughout the pores and capillary tracts of the concrete. Thus it seals the concrete permanently against the penetration of water or liquids from any direction. It also protects concrete from deterioration due to harsh environmental conditions.

### ADVANTAGES:

- Provides a protective waterproof coating.
- Resists water pressure upto 10 metres head.
- Can be applied directly to concrete and masonry with minimum surface preparation.
- Gives high resistance to carbon dioxide and chloride ion diffusion.

### METHOD OF USE:

#### Mix preparation:

- Pour SAMBOND® CCR Part I into a bucket.
- Start stirring.
- Slowly add SAMBOND® CCR Part II, avoiding any lump formation.
- Mix for 2 / 4 minutes.
- Apply the prepared mix on the substrate surface.

#### Mix proportion:

Application Mode	SAMBOND® CCR Part I	SAMBOND® CCR Part II
Brush	10 litres	25 kgs

## RECOMMENDED APPLICATIONS:

- Water tanks, reservoirs and sealing tie bar holes to ensure water tightness. It is particularly suitable for basements, swimming pools, lifts fits in building etc.
- For walls and bridges to provide damp proofing
- To fill holes, cracks, imperfections, honeycomb, rough and defective areas in concrete structures

## PRODUCT DATA:

<b>Form</b>	Part I: Liquid   Part II: Powder
<b>Base</b>	Acrylic polymer
<b>Specific gravity</b>	2.21 at 25 C
<b>Coverage / Consumption</b>	16 sq. m per pack of 10 litres of part I and 25 kg of part II
<b>Pot life</b>	2 hours at 25 C
<b>Colour</b>	Part I: White   Part II: Grey
<b>Shelf life</b>	12 months at 25 C
<b>Safety</b>	Non-toxic and non-flammable
<b>Packing</b>	Part I: 10 kg   Part II: 25 kg

**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.**

ISO No : 9001 | CIN No. : U24231GJ1991PLC015607

302, Chanakya Building, Near Dinesh Hall, Ashram Road, Ahmedabad, Gujarat - 380009

Call : +91 9825011576 | Email : [info@samrockchem.com](mailto:info@samrockchem.com)