



# BUILDROCK SBR/URP

CEMENTITIOUS ELASTOMERIC SBR LATEX  
FOR COATING, REPAIR & BONDING AGENT

## TECHNICAL SPECIFICATIONS & DATA SHEET

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### DESCRIPTION

**BUILD ROCK SBR/URP** is a coating compound of the best quality to be added with Portland cement selected and graded aggregates, additives, and STYRENE-BUTADIENE RUBBER EMULSION POLYMER (SBR LATEX) as a binder.

### INDICATIVE CHARACTERISTICS

- Pot Life@ 30o C : 1hr
- Adhesion to Concrete : Excellent
- Theoretical Coverage, kg/m<sup>2</sup> : 2.0-2.5 approx. double coat with cement
- Mixed Density (g/cc) : 1.80 approx.
- Application Temperature : >10° C- <40°C
- Recoating time @ 30o C : Min. 12hr and max. 24hr

### METHOD OF APPLICATION

1. Surface must be free from dirt, soil, oil, release agents and any other foreign materials.
2. Any surface undulations, cracks and crevices must be duly filled or repaired with cement and mortar mixed with BUILDROCK SBR/URP.
3. Ensure to dampen walls for an hour before application. Do not allow standing water.
4. Prime the area with BUILDROCK SBR/URP slurry in the ratio of 1:2 (One part of BUILDROCK SBR/URP with two parts of cement). BUILDROCK SBR/URP is to be mixed with cement and if required with fine aggregates slowly whilst mixing thoroughly in a jiffy Mixer to achieve lump-free homogenous slurry.

Apply BUILDROCK SBR/URP on clean and moist surface with stiff fibre-brush. Work well into the substrate to ensure that all small undulations are completely filled with the coating. Apply second coat when the first coat is touch dry (i.e. after 6-8hrs) in a direction perpendicular to the first. Complete the application leave to air cure for 2 days. A moist hessian cloth should be kept over the coated surface to protect it from direct sunlight. When surface becomes hard enough fog spray with clean water keeping walls damp for 3 days. Hotter the climate, more critical is the curing.

### AREA OF APPLICATION

- Waterproofing coating for bathroom, kitchen, balconies, sinks etc.
- Basements, reservoirs, roofs and terraces.
- As waterproofing coating on the internal sides of domestic water-tanks.
- Repair & Rehabilitation purpose
- Bonding Agent for old to new concrete.

### ADVANTAGES

1. UV Resistant.
2. High Flexibility.
3. Excellent resistance to ingress of water.
4. Eco-friendly.

### STORAGE

If stored in unopen barrel in dry condution at normal ambient temperature, a shelf life of 12 months can be expected.

### SELF LIFE

Shelf Life of **BUILDROCK SBR/URP** is about one year if the containers are kept unopened.

### PACKAGING

**BUILDROCK SBR/URP** Available 20 & 200 KG.

### PRECAUTIONS

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use. Do not reuse containers for storage of consumable item. For further information refer to the material safety data sheet. MSDS available on demand or on BUILDROCK construction chemicals web site.

### BUILDROCK ENGINEERING PVT. LTD.

REGISTERED OFFICE: PLOT NO.1, KHEWAT # 113, VILLAGE FAKARPUR, PANCHGAON-JAMALPUR ROAD, GURUGRAM - 124 413, HARYANA, INDIA  
PHONE: +91 124 3789989 , +91 981 1443000  
WEBSITE: WWW.BUILDROCK.IN EMAIL: INFO@BUILDROCK.IN

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