



# BUILDROCK ACRYL

ACRYLIC POLYMER BASED CEMENTITIOUS  
WATERPROOFING COMPOUND

## TECHNICAL SPECIFICATIONS & DATA SHEET

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### DESCRIPTION

**BUILDROCK ACRYL** is a high quality selective acrylic polymer based liquid compound designed for cementitious waterproofing coatings and mortar.

### INDICATIVE CHARACTERISTICS

- |                    |   |                    |
|--------------------|---|--------------------|
| • Solid Contents   | : | 32+2               |
| • Specific Gravity | : | 1.02+ 0.01 at 250C |
| • pH Value         | : | 7-9                |
| • Resistant to UV  | : | Excellent          |

### USES

**BUILDROCK ACRYL** is used as a protective waterproofing/damp-proofing coating with fresh cement for all kinds of overhead tanks, underground tanks, basement, bridge deck, concrete roof, terrace, sunken portion, bathroom etc. **BUILDROCK ACRYL** is also used as a bonding agent for old concrete to new concrete.

### FEATURE

- Excellent bonding to concrete, steel, aluminum and other construction materials.
- Easy to use.
- It is environment friendly.
- It has breathable properties allowing trapped vapours to escape, thus preventing peeling and blister formation.
- It is highly durable in continuous wet conditions.
- Reduces permeability.
- Will not rot or corrode.
- Overall economy.

### APPLICATIONS

1. Waterproofing of basement, toilets, terrace, roofs, swimming pools, and aquarium.
2. Joining old concrete to new concrete.
3. Durable and sleek exterior finish with cement paint.
4. Foundation, repairing wall etc.

### APPLICATION METHODOLOGY

1. Prior to application ensure that structure should be at least 3 days old, free from dust, loose materials or any deposits of contaminants that could affect the bond between the surface and the coating.
2. Ensure to fill cracks/holes/honey combs / faulty constructions joints with mortar made of **BUILDROCK ACRYL**, cement and superfine sand in the ratio 1:2:3 and allow it to touch dry.
3. Care to be taken to pre-wet/dampen all prepared concrete surface before application. In no case there should be standing water or a shiny wet surface.

### STORAGE

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

### SELF LIFE

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

### PACKAGING

**BUILDROCK ACRYL** Available in 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.

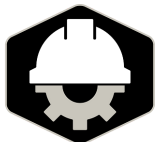
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### SLURRY PREPARATIONS

Mix **BUILDROCK ACRYL** with neat cement in the ratio as shown in table below till obtaining homogeneous, lump free mixture with better brushable consistency

Application	BA:W:C:S	Dilution in water	Application Area	Coverage(m <sup>2</sup> /kg)	Strength (Kg/Cm <sup>2</sup> )		
					Compressive	Flexural	Bond
<b>Waterproofing Coating</b>	1:Nil:2:Nil	No Dilution	Waterproofing Coating	2-3Tickness aprox.1 mm (2 Coats)	-	-	-
<b>Cement Slurry/Bond</b>	1:Nil:2:Nil	No Dilution	Bonding Coat	2-3Tickness aprox.1 mm (2 Coats)	285	6	7.5
<b>Mortar</b>	1:Nil:2:5	No Dilution	Polymer Repair Mortar	2.25Tickness 2mm(1Coat)	405	85	7.8
<b>Concrete</b>	Add BA10% By wt of cement	As Required	Repair Concrete And Screed	Depending on Mixed Design	Depending on mixed design		
<b>Additive to cement based paint</b>	Add UCupto 10% by wt of cement in cement paint	As Required	External Coating for Bonding	-	NA	NA	Depent on paint properties

**Legends: BA : BUILDROCK ACRYL, W : WATER, C : CEMENT, S : SAND**

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