

## BUILDCRETE

### Acrylic polymer based cementitious waterproofing compound

**DESCRIPTION :** BUILDCRETE is a high quality selective acrylic polymer based liquid compound designed for cementitious flexible waterproofing coatings and mortar.

**USES :** BUILDCRETE 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.

**BUILDCRETE** is also used as a bonding agent for old concrete to new concrete.

### FEATURES

- ❖ Excellent bonding to concrete, steel, aluminum and other construction materials.
- ❖ Highly waterproofing and damp-proofing properties.
- ❖ Easy to apply.
- ❖ Overall economy.

### METHOD OF APPLICATION

The surface must be clean, sound and free from oil, grease or any other loose materials. If present, cleaning shall be done by any standard approved method.

Mix two parts (by weight) of fresh reputed brand of cement with one part of **BUILDCRETE** Polymer to a smooth brushable consistency. Apply this freshly mixed slurry on the damp surface (preferably saturated surface dry). Second coat may be applied 4-6 hours later from the application of first coat.

Curing of coating/mortar shall be done by sprinkling water or covered with wet gunny/jute bags/clothes. Avoid rapid moisture loss from the freshly applied coating particularly in summer. Pond curing by storage of water is not advisable for at least first seven days. Allow the coating/mortar for air curing after even days of moist curing. This will help to cure the polymer

### PHYSICAL PROPERTIES

Appearance	:	Milky white coloured liquid
Specific gravity	:	1.04 ± 0.02
pH value	:	7-9
Chloride content	:	Nil (as per BS 5075 Part I)
Bond strength (N/mm <sup>2</sup> )	:	> 3
Shelf life	:	One year if kept in unopened containers.

### MIX DETAILS

1. For waterproof coating system	:	OPC	:	2 kgs.
	:	<b>BUILDCRETE</b>	:	1 kg.
	:	Coverage	:	2.5 to 3 sq mtr per kg of <b>BUILDCRETE</b> in single coat
2. For brush topping	:	OPC	:	2 kgs.
	:	<b>BUILDCRETE</b>	:	1 kg.
	:	Fine sand	:	2 kgs.
:	Coverage	:	1 to 1.5 sq mtr per kg of <b>BUILDCRETE</b> in a single coat.	
3. For Mortar/Screen	:	OPC	:	2 kgs.
	:	<b>BUILDCRETE</b>	:	1 kg.
	:	Zone II sand	:	3 kgs.

**Packing** : 25 kgs., 5 kgs. & 1 kg. (bulk packing also available)

**Health and safety** : Non-toxic, non-inflammable, eco-friendly.