

Technical Data Sheet

Larsen Crete



Acrylic Polymer based cementitious waterproofing compound



Page 1/2

DESCRIPTION

Larsen Crete is a high quality selective acrylic polymer based liquid compound designed for cementitious waterproofing coatings and mortar.

USES

Larsen Crete 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.

Larsen Crete 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 OPC cement with one part of **Larsen Crete** 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.

Larsen Building Products (I) Pvt. Ltd.

Tiles & Stone Adhesive | Grouting | Screeds | Waterproofing | Admixture | Epoxy Flooring

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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 ²)	:	> 3
Shelf life	:	18 Months if kept in unopened containers.

MIX DETAILS

1. For waterproof coating system :	OPC cement	:	2 kgs.
	Larsen Crete	:	1 kg.
	Coverage	:	3 - 4 sq. mtr./kg. of Larsen Crete in a single coat
2. For brush topping :	OPC cement	:	2 kgs.
	Larsen Crete	:	1 kg.
	Fine sand	:	2 kgs.
	Coverage	:	1 to 1.5 sq mtr per kg of Larsen Crete in a single coat.
3. For Mortar/Screed :	OPC	:	2 kgs.
	Larsen Crete	:	1 kg.
	Zone II sand	:	3 kgs.
	Packing	:	20 Ltr & 5 Ltr. (bulk packing also available)

Health and safety	:	Non-toxic, non-inflammable, eco-friendly. It should not be inhaled. Splashes in eyes during use and storage should be washed by water immediately.
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