

Flexi-Crete

Flexi-Crete is a modified acrylic hybrid system for high performance waterproofing of concrete and various other surfaces. It can also be used as crack sealing compound.

Areas of Application:

- as a waterproofing coating in roofs, toilets, swimming pools, podiums etc
- as crack repair product
- can be used as bonding agent.

Features and Benefits:

- Excellent adhesion to various construction materials
- Flexible waterproofing coating.

Method of Application:

Clean the concrete surface completely with a brush. Make the surface free from dust, oil, grease and other contaminants.

Cracks: to be opened and cleaned thoroughly. Fill the cracks with mixture of *Flexi-Crete* and cement (1: 2 Ratio). No water to be added to this mixture.

Depression and voids in concrete surface: Fill with the mixture of silica sand, cement and *Flexi-Crete* (Ratio 3: 2: 1) by using mason's trowel and level it properly.

Waterproofing the concrete surface:

- Mix Flexi-Crete and cement in the ratio 1: 2 and dilute the mixture with water (10% of *Flexi-Crete* volume).
- Pre-wet the surface to be treated.
- Apply first coat of Flexi-Crete cement mix on moist surface in any one direction.
- After 4 to 6 hrs apply 2nd coat of Flexi-Crete cement mix in 90°angle to the first coat.
- After air cure for 4 to 6 hrs, cure the coated surface with spraying of water for 24 – 48 hrs.
- Surface is ready to use after 72 hrs.
- **Note:** Fresh coated surface should not be made dry or submerged in water for 48 hrs.

Precautions:

- Please make sure that the entire procedure is completed once you start the application for a particular area.
- If the treated surface is likely to be subjected to foot traffic, it is recommended to protect the surface suitably.

Technical Information:

- **Coverage:** 7.5 sq. meters per kg for 2 coats of Flexi-Crete – Cement Mix (Proportion 1: 2) .This may vary depending upon substrate to substrate.
- Solid content: > 40%
- Physical Appearance of Flexi-Crete: Milky White Emulsion\
- Viscosity: 1500 cps maximum
- PH value: 7 to 9
- Packing available: 5 kgs and 20 kgs Pails.
- Shelf life: 1 year in unopened condition

Handling & Storage: Protect from frost. Containers once opened should be shut tightly to prevent contamination. Stocks should be used on a first in, first out basis. Store under covered cool area, avoid direct sunlight.