

CHEMfix 10

Single Component Acrylic Base Highly Flexible Water Proof Coating System

Description

CHEMfix 10 is a single component highly flexible acrylic base waterproof coating system. This waterproofing coating cures to form an elastomeric waterproofing membrane with excellent adhesion. This material exhibits excellent bond strength with reduced permeability. **CHEMfix 10** forms a breathable coating. **CHEMfix 10** protects exposed reinforced concrete structures from attack from acidic gases and chloride ions. The coatings are particularly suitable in all types of structures, for existing and new concrete. **CHEMfix 10** exhibits high wear resistance, weather resistance and is suitable to be used as a decorative coating. The coating provides seamless resilient and highly flexible waterproofing which is suitable for reservoirs, roofs and water tanks.

ADVANTAGES

- **CHEMfix 10** can be used for roof slabs, terraces, balconies, sunshades, parapet walls, etc.
- **CHEMfix 10** is ideally suited for application on structures having complicated geometry like domes, arches, shells, folded plates, paraboloids, and corrugated sheets.
- **CHEMfix 10** is suitable for horizontal and vertical surfaces.
- **CHEMfix 10** can be used for waterproofing of new structures as well as old surfaces.
- **CHEMfix 10** can be used for negative side waterproofing.
- Excellent resistance against the Middle East Environment.
- Excellent wear resistance.
- Excellent crack bridging capacity.
- Excellent bond to substrate such as concrete, masonry etc.

TECHNICAL INFORMATION

Supply Form:	Liquid
Color:	Gray & White
Elongation:	300%
Pot Life:	1 Hour
Foot Traffic	After 1 Day
Toxicity:	Non-toxic
pH Value:	8 – 8.5

DIRECTION FOR USE

Surface Preparation

Concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. The surface can be prepared mechanically using sandblasting, shot blasting or scarifier which will give a slight surface profile. The final step in cleaning should be complete removal of all residue with a vacuum cleaner or by pressure washing. Acid etching is acceptable only when mechanical preparation is impractical. It is recommended that only contractors experienced in the acid etching process use this means of surface preparation. The salt of the reaction must be thoroughly pressure washed away. Prior to application, the surface should be pre-soaked with clean water. excess standing water should be removed.

NOTE: Even with proper procedures an acid etched surface may not provide strong bond as produced by mechanical preparation procedures.

Priming

CHEMfix 10 prime coat shall be applied by diluting 1 Kg with 1 liters of water by means of sprayer, brush or roller.

Application:

First coat of **CHEMfix 10** shall be applied over the primed surface @ 1-1.5 kg/Sqm. Once the surface is dry, it is recommended to apply the second coat after first coat is fully cured. The glass fiber reinforcement, (if required) shall be placed after the application of the first coat and then apply second coat of **CHEMfix 10** @ 1-1.5 kg/Sqm.

Storage

Shelf life is minimum 1 year when stored in covered and dry environment.

Cleaning

Utilize clean water for cleaning of equipment and tools.

PACKAGING

CHEMfix 10 is packaged as 20 Kg & 220 Kg Drums.



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