

CHEMROOF GUARD

HIGHLY FLEXIBLE UV RESISTANT ROOF WATERPROOFING LIQUID MEMBRANE

DESCRIPTION:

CHEMROOF GUARD 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. **CHEMROOF GUARD** forms a breathable coating. **CHEMROOF GUARD** 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. **CHEMROOF GUARD** exhibits high wear resistance, weather resistance and is suitable to be used as a decorative coating. The coating provides a seamless, resilient and highly flexible waterproofing which is suitable for reservoir roofs and water tanks.

ADVANTAGES:

CHEMROOF GUARD can be used for roof slabs, terraces, balconies, sunshades, parapet walls, etc.

CHEMROOF GUARD is ideally suited for application on structures having complicated geometry like domes, arches, shells, folded plates and corrugated sheets.

CHEMROOF GUARD is suitable for horizontal and vertical surfaces.

CHEMROOF GUARD can be used for waterproofing of new structures as well as old surfaces.

CHEMROOF GUARD can be used for negative side waterproofing. Excellent resistance against the tropical environment.

Excellent wear resistance.

Excellent crack bridging capacity.

Excellent bond to substrate such as concrete, masonry etc.

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 a strong bond as produced by mechanical preparation procedures.

PRIMING:

CHEMROOF GUARD prime coat shall be applied by diluting 15 Kg with 3 liters of water by means of sprayer, brush or roller.



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APPLICATION:

First coat of **CHEMROOF GUARD** 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 **CHEMROOF GUARD** @ 1 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.

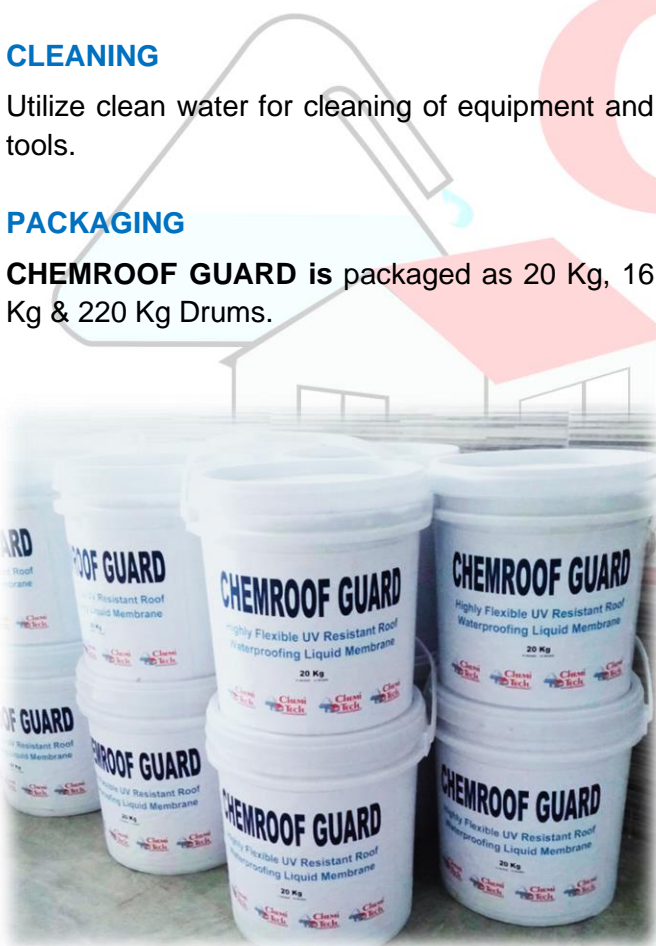
PACKAGING

CHEMROOF GUARD is packaged as 20 Kg, 16 Kg & 220 Kg Drums.

TECHNICAL PROPERTIES

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

The information and recommendations above are given in good faith based on our current knowledge and experience of the products when properly stored, handled and applied in accordance with current best practice, national standards and our recommendations. As we have no control over site conditions or methods of application, no liability can be derived from the contents of this information sheet, or from any written recommendations, or from any other advice offered. The user of the product is solely responsible for the product's suitability for the intended application and is recommended to test the suitability prior to use. We reserve the right to change the properties of our products without notice. All orders are sold subject to our current terms of sale and delivery. With the publication of this Technical Information Sheet all previous editions are no longer valid.



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