



CHEM STYRENE CEMCOAT

Cementitious Styrene B-Di-ene Elastomeric Waterproof Coating System

DESCRIPTION:

CHEM STYRENE CEMCOAT is a styrene buta di-ene liquid, supplied to mix OPC/SRC cement to produce waterproof protective coating system at site according to site requirement.

This waterproofing coating cures to form elastomeric waterproofing membrane with excellent adhesion. This material exhibits excellent bond strength with reduced permeability.

CHEM STYRENE CEMCOAT forms a breathable coating that protects exposed reinforced concrete structures against attack from acidic gases, chloride ions and other soil borne chemicals.

AREA OF APPLICATION:

- Under Ground Structures.
- Can Be Used As Damp proof Course.
- Can be used in combination with waterproofing admix Chemproof CWP for Tanks & Basement.
- Coated Surface can be Plastered, Painted or Could receive any other finishes.
- Can improve surface hardness of weak floors & screed.
- Can be as a bonding coat for old to new concrete.

ADVANTAGES:

- Suitable for water retaining structures.
- Withstands high positive and negative pressures.
- Resistant to Soil Borne Chemicals
- Suitable for Plinth protection
- Non-toxic
- For interior or exterior use.
- Excellent wear resistance.
- Excellent bond to substrate such as concrete, masonry, Metal etc.

Technical Information:

Supply	Milky Liquid	
Foot traffic	After 1 Day	
Toxicity	Non Toxic	
Density	1.1 Kg	
Chloride ion Resistance	Coated	Un-Coated
6 Months	0.0004%	0.035%

DIRECTION FOR USE:

Surface Preparation

Concrete must be clean and rough. All oil, dirt, debris, paint and unsound concrete must be removed. Prior to application, the surface should be pre-soaked with clean water. Excess standing water should be removed.

MIXING:

CHEM STYRENE CEMCOAT should be mixed using slow speed mixer. Add the appropriate amount of liquid for the batch size and then add the 2 Kg cement/Liter of Liquid supplied. Mix for a minimum of 3 minutes, Endeavour to avoid air entrapment. **CHEM STYRENE CEMCOAT** should be applied immediately after mixing, avoid mixing more material that can't be used within 45 minutes.

APPLICATION:

Thoroughly dampen down the concrete surface with clean water prior to application. Ideal conditions are saturated surface dry (SSD). Do not apply to dry concrete. Whilst damp, apply **CHEM STYRENE CEMCOAT** with a bristle brush or roller at the rate of 0.5 kg/Sq.m. two coats will ensure even coverage and remove pin holing. Where more than one coat is required, the previous coat should be allowed to dry prior to subsequent applications.

As **CHEM STYRENE CEMCOAT** is moisture tolerant, it can be applied to concrete that is only 24 hours old thereby giving immediate protection and curing. Where heavy depressions, cracks or blowholes are present, reduce the amount of gauging liquid in the mix and add screen sand to the desired consistency and carry out re-profiling.

PACKAGING : 20 Kg & 30 Kg Cans, 210 Kg Drums

COVERAGE:

CHEM STYRENE CEMCOAT coverage rate is 3.0Kg/2.5 to 3.5 Sq.m mixed material in two coats. (1 Kg Liquid+2Kg Cement)

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.