



MARINECOTE

**Coatings for Corrosion Protection of Steel in Sea or Fresh Water,
Salt Spray or Salt Air Environment**

DESCRIPTION

MARINECOTE is a single component compound, based on liquid polymer blends admixed with special chemicals, as a corrosion inhibitor. This compound is mainly used as a corrosion inhibiting coating, applied on concrete, reinforcement or steel surfaces.

USES

MARINECOTE is mainly used for:

- Corrosion protective coating for concrete or steel structures in sea or fresh water, salt-spray or salt environment.
- Bridge decks, ship decks, sheet piling walls, structural steel members, interior and exterior surfaces of water tanks, above ground and underground tanks and pipes.
- Wear resistant topping
- Bond coat for concrete with steel and / or reinforcement.

ADVANTAGES

MARINECOTE has the following benefits:

- Can be applied on moist surfaces.
- Bonds well to steel and even galvanised steel.
- Allows vapour pressure to pass through the coating thereby prevents the possibility of blistering of the coating.
- U. V. rays do not have any effect.
- Mild acid and strong base does not destroy the coating
- Provide a dust free surface.
- Non-inflammable and non-toxic.
- Most of the physical properties improve with age.
- Keeps the adhering concrete alkaline in RCC.

COVERAGE

1kg. MARINECOTE mixed with 2 kg. cement, i.e. 3 kg mixed material will cover an area of 2 – 2.5 M² approximately.

PACKING

Available in 25kg container

SHELF LIFE

One year if kept in unopened condition.

APPLICATION METHOD

Surface Preparation

Surface shall be clean and free from loose scale, poorly bonded coatings, oil, grease and other deleterious material. Although wire-brushing, rubbing with emery paper and cleaning with other method may work on surfaces which are not badly corroded, but to achieve best results, sand blasting, high air or water jetting or air water grit blasting is preferable.

Two parts of dry cement is to be added to one part of MARINECOTE (by weight). Add cement into the liquid blend and mix with mechanical stirrer to uniform colour. Ensure that no lump is formed during mixing. At certain locations, depending on the condition of reinforcement certain amount of silica powder may be added.

Apply the mixed material on prepared surface by means of brushes, rollers or air operated grouting feed type hopper gun or spray system.

Apply to first coat immediately after the mixing is over and the second coat is to be followed before the first coat becomes hard.

All the mixed materials are to be consumed within 1 to 2 hours.

Allow the air cure in the first four hours and then cure for further 48 hours by water spray.

If the ambient temperature is too high and / or R.H. is too low, start curing immediately after 2 – 3 hours by means of FREECURE.

PRECAUTION : Presence of strong acid may deteriorate the coating. Should not apply to any surface having temperate below 4°C.

TECHNICAL SERVICE :

SWC group maintains a technical division with highly qualified technical personnel to investigate and advise on subjects related to Concrete and the Construction Industry. The Division can advise on the correct use and selection of right products at the right place.

SWC undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures. SWC undertakes Contracts on turnkey basis for total Waterproofing System with guarantee

NOTE : This Technical data sheet is to be used as guidance only. Although the basic formulation of the product remains unchanged, production refinements arising from continuing research and evaluation programmes may occasionally result in marginal change in properties. The recommendation and properties of the product based on continuous monitoring of the product are not intended to infringe on other patents.

THE STRUCTURAL WATERPROOFING CO.PVT.LTD.

Regd. Office : 21/1 Dover Road Calcutta- 700 019 **Dial :** 2475-2684/5378/9950, **Fax :** 2475- 8240

Calcutta : Plot 38/1, Block-GN, Sector IV &V, Salt Lake City, Calcutta- 700 091

Dial : 2357- 3546/3547 , **Fax:** 2357 3881

Delhi Office : 406, Deepali, 92, Nehru Place, New Delhi - 110 019, **Dial:** 26445680 & 26435432 **Fax:** 26416861

Mumbai Office : 56, Mahavir Centre, Sector -17, Vashi , Navi Mumbai - 400 703, **Dial:** 27893601 (Hunting), **Fax:** 27893571 **E-mail:** swcbom@bom5.vsnl.net.in

Chennai Office : 81, 3rd Floor, A, Sulochana Terrace, 1st Main Road, Gandhi Nagar, Adayar, Chennai-600 020 **Dial.** 24423731 **Fax.**24422476

Bangalore Office : 104, Victoria View, Borewel Road, White Field, Bangalore – 560 066. **Telefax :** 080 – 3310112, **Email :** swcbangalore@yahoo.co.in