

PRODUCT DATA SHEET

CWC® SMART BITUCOTE

Bituminous anti-corrosive multi-purpose coating

Description

SMART BITUCOTE® is a single pack, solvent based, general purpose non-toxic, lead free & unpigmented bitumen-based coating that provides economical protection of steel and masonry. When dry, the product forms an odourless and taint free bitumen film suitable for the protection of metals, concrete from corrosion of acid and alkali attack.

Typical Properties:

Recoat time, hours	12~16
Recommended DFT / coat	40 to 50 microns
Spreading rate, m ² / L**	
• Metal surface	09~11
• Concrete surface	6.5 - 8.5
Flash Point, °C	35
Touch drying, hours	3 ± 1
Specific Gravity	0.93 ± 0.03
Solid Content, % by weight	55 ± 2
Solid Content, % by volume	50 ± 2
Viscosity @ 28°C, B4 Ford Cup, ASTM D-1200, sec	100 - 110

** Depends on surface condition, porosity, texture, imperfections and wastage during painting

Advantages

- Excellent anti-corrosive property.
- Easy application by brush, roller or spray.
- Suitable for surfaces in contact with fresh or salt water.
- Low permeability to moisture. Excellent water repellence.
- Suitable for potable water tank coating.

Approvals / Standards

IS: 9862-1981, IS: 158-1981

Field of Application

- Can be recommended for industrial pipelines, conduit pipes and other metallic / concrete (above and below ground) structures.
- It can also be used for general purposes for protection of water tanks, equipment, machines, etc

Application procedure:

Surface Preparation

- The surface shall be cleaned thoroughly of all contaminants like dust, traces of curing compound, oil and grease. All surface imperfections and protrusions shall be removed and repaired.
- Structurally unsound and friable concrete must be removed and repaired concrete repair mortar.

Material Preparation

- Stir **SMART BITUCOTE®** thoroughly before use to make it homogeneous.
- After stirring, wait for the product to settle in order to let entrapped air escape.

Application of Material

- Apply **SMART BITUCOTE®** as supplied on the prepared surface by brush / roller / spray.
- Repeated coats can be given only after the earlier coat dries completely.

Storage and shelf life all:

Store under cover, out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air-conditioned environment. Shelf life is 12 months when stored as above.

PACKING

Available in 20 L and 200 L drum.

Safety precautions:

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent **Material Safety Data**

Sheet.

- Ensure good ventilation during application and drying.
- Do not smoke while painting.
- Flammable, so store in a cool dry place away from heat and sparks.
- If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner.
- Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention.
- Harmful if swallowed. Seek medical attention and do not induce vomiting.

Disclaimer:

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives, or distributors, as the conditions of use and the competence of any labor involved in the application are beyond our control.

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