

## VCOBOND COOLTOP



VCOBOND

CONSTRUCTION CHEMICALS

**DESCRIPTION: -**

VCOBOND COOL TOP is specially formulated reflective acrylic coating for reducing solar heat gain on tiles, felt, and wood, masonry and concrete surfaces. VCOBOND COOL TOP having solar reflectance of 0.863 & Emissivity as high as 0.85. The solar reflective index (SRI) for VCOBOND COOL TOP is 108 tested by national aerospace laboratory, bengluru ,India

**FEATURE / ADVANTAGE: -**

- Heat reflective coating.
- Hard, tough, clear, flexible & glossy film,
- Excellent Wet scrub & Abrasion.
- Alkali resistance.
- VCOBOND COOLTOP being Hard and Tough Breathable polymer with very good exterior durability,
- It has very good binding capacity to hold texture aggregates.
- It has special surfactant system and its capability to form tight film enables it to resist substrate efflorescence effectively.
- Films do not hold on to dirt and hence keeps film clean.
- It is highly water resistant, combined with excellent UV resistance that gives it good exterior weatherability properties.

**PHYSICAL PROPERTIES: -**

Chemical composition	Styrene-Acrylic Co-polymer Emulsion
Physical appearance	White
% solid content	Shade on Demand
Application temp range	10 to 40 c
Specific gravity	1.15 to 1.17
Viscosity	200p
Elongation %	450 to 650
Coverage	4 to 5 Sq.mt. for two coat
Dilution	Water 400 ml per Kg

**CHEMICAL PROPERTIES: -**

Water resistance, no effect of carbon dioxide, sulphur dioxide, oxides of nitrogen, chlorides, sulphates and UV radiation on paint.

**APPLICATION AREAS: -**

Roof Tiles, Brick, Cement & concrete block masonry, Plaster, simulated brick & stone.

**SURFACE PREPARATION:-**

Remove all loose, defective paint or powdery residues, loose chalk, dust, fungus, algae and foreign matter. Treat any areas affected by fungus growth with Fungicidal Wash Solution. Repair cracks, uneven surfaces with suitable exterior grade fillers. Smoothen the filler areas with sand paper. Surfaces to be coated must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to coating. Avoid coating when the moisture content and alkalinity of the walls are still high.

**DIRECTION FOR USE:-**

- Dilute 1 kg of VCOBOND COOLTOP with 400 ml of water Stir thoroughly.
- Apply with a brush or roller
- Two coats recommended.
- VCOBOND COOLTOP Solar Reflective Paint is tough and durable but is not suitable for persistent foot or mechanical traffic.
- It should be applied between 10°C and 40°C.
- Avoid applying to very hot substrates such as dark surfaces in direct sunlight.
- Do not apply if rainfall is imminent or if humidity is very high.
- drying time -2-4hrs @20°C.
- Allow to dry for a minimum of 4hrs @20°C between coats.
- Full cure is achieved in 5-7 days @20°C.

**CLEAN UP:-**

Remove as much product from application equipment as possible before washing with water. Do not empty into drains or watercourses

**PACKING SIZE:-**

2.5Kg, 5Kg, 10Kg, 15Kg & 25Kg.

**COVERAGE:-**

Covers approximately 3-3.5 square meter per kg depending up on type of application & porosity of the surface to be treated.

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**STORAGE & SHELF LIFE:-**

6 months if sealed packing and if stored in cool dry place in shaded area.

**PRECAUTION: -**

Prevent contact of solution with the eyes and mouth. Gloves and rubber gloves must be worn when handling. Liquid splashed on the skin must be rinsed off quickly. If the solution is splashed into the eyes, wash it away with liberal quantity of water and obtain immediate medical attention. Use of mask & safety goggles is must. Clean up any spills, painting tools & equipment with water.

**LEGAL NOTES:-**

The information, and, in particular, the recommendations relating to the application and end-use of View Coating products, are given in good faith based on View Coating's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with View Coating's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. View Coating reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.