

## VCOBOND EPWC-5600



VCOBOND

CONSTRUCTION CHEMICALS

**DESCRIPTION: -**

This is chemical resistant UV stable epoxy paint for cement base exterior application. We are offering **Cool Roof for Industrial Buildings & Heat Protective Coating** that reflects **98%** of heat in roofs / ceilings / walls. Reduces Internal temperature of building up to **10°C**. Reduces evaporation losses, pollution, smog, the urban heat island effect and global warming. Quick payback period. Saves over **INR 5200 / year** for every **1°C** temperature reduction saves over **40%** in energy bills for Air conditioner / Heaters. Conventional insulation system only slows the rate of heat transfer. Cannot stop radiant heat. Resistant to acid rain, UV rays, Saline atmosphere & condensation.

**FEATURE / ADVANTAGE: -**

- Smoot finish,
- good chemical and water resistance,
- UV stable.

**PHYSICAL PROPERTIES: -**

Technical data	VCOBOND EPWC-5600
<b>Color</b>	Pigmented
<b>Solids</b>	60 %
<b>Mixing ratio by volume</b>	2:1
<b>Coverage</b>	70-80 sq. Ft.
<b>Pot life</b>	60 min.
<b>Initial setting</b>	3 hrs.
<b>Hard set</b>	36 hrs
<b>Packaging</b>	1.5 lit
<b>Gel time (77 f)</b>	65-80 min.

**PHYSICAL PROPERTIES: -**

Technical data	VCOBOND ARC-5600
<b>Compressive Strength</b>	>75 MPa
<b>Flexural Strength</b>	> 10 MPa
<b>Tensile Strength</b>	> 10 MPa
<b>Tensile Bond Strength (concrete)</b>	3.8 MPa (concrete failure)
<b>Water permeability</b>	1.2 x 10 <sup>-16</sup> m.s <sup>-1</sup>
<b>Temperature Resistance</b>	Wet: 65°C; Dry: 150°C

**APPLICATION AREAS: -**

- Terrace slab,
- external plaster surface,
- terrace garden,
- swimming tanks,
- fountains
- water storages area.

**SURFACE PREPARATION:-**

For surface preparation follow procedure of VCOBOND EPB-5110 concrete primer. After 8 hrs of primer application apply VCOBOND EPWC-5600

**DIRECTION FOR USE:-**

- **MIXING** – VCOBOND EPWC-5600 Part A & Part B are supplied in a predetermined mixing ratio.
- Pour part B into Part A. Ensure that the Part B drains completely from its container.
- Mixing of the components is to be carried out with a suitable mixture at approx 150-200 rpm.
- Ensure that the two components are evenly dispersed; stir until mix is homogenous mix.
- Apply this mixture by roller or brush. It requires two coats.
- Finish the mixture within 25 to 30 min.
- Make sure that a continuous pore free coat covers the surface.

**CLEAN UP:-**

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

**PACKING SIZE:-**

VCOBOND EPWC- EPWC-5600 A – 2lit, 10 lit & 20 lit  
VCOBOND EPWC- EPWC-5600 B– 1lit, 5 lit & 10 lit

**COVERAGE:-**

Covers approximately 3-3.5 square meter per liter 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 and equipment with solvent.

**LEGAL NOTES:-**

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