

**VCOBOND PUWC-5700****VCOBOND**

CONSTRUCTION CHEMICALS

**DESCRIPTION: -**

VCOBOND PUWC-5700 epoxy food grade coatings are the derivative of poly urethane conjunction with amine adducts, poly amide, polyamines etc. It cures to form a smooth hygienic film with good resistance to a wide range of mineral and organic acids, fats, alkalis and oils. It provides air drying, salt water resistant finish & anti-corrosive coating, it also gives anti-fungal properties, as per guide line of FDA & USDA.

**FEATURE / ADVANTAGE: -**

- Excellent adhesion and compatible with all substrates.
- Can be applied directly on to concrete wall and floor surface.
- It is hygienic and aesthetic forms a smooth and easy to clean surface on curing.
- Light fast and UV stable
- High chemical resistance
- Breathable Membrane

**PHYSICAL PROPERTIES: -**

Technical data	VCOBOND EPWC-5800
Color	Pigmented
Solids	60 %
Mixing ratio by volume	2:1
Coverage	70-80 sq. Ft.
Pot life	60 min.
Initial setting	3 hrs.
Hard set	36 hrs
Packaging	1.5 lit
Gel time (77 f)	65-80 min.

**PHYSICAL PROPERTIES: -**

Technical data	VCOBOND ARC-5800
Compressive Strength	>75 MPa
Flexural Strength	> 10 MPa
Tensile Strength	> 10 MPa
Tensile Bond Strength (concrete)	3.8 MPa (concrete failure)
Water permeability	1.2 x 10 <sup>-16</sup> m.s-1
Temperature Resistance	Continuous : 150 c Intermittent : 250 c

**RESISTANCE GUIDE:-****Resistance to chemical**

Exposures	Splash & Spillage	Mild Fumes/ Outdoor resistance
Acid	Fair	Very Good
Alkalis	Good	Very Good
Solvent	Good	Good
Salt	Good	Very Good
Water	Very Good	Excellent

**APPLICATION AREAS: -**

VCOBOND PUWC-5700 can Safely be used for ship kitchen, food processing/ packaging companies, Internal side of water tanks etc.

Recommended as a Primer/ Paint / clear for wall / structure exposed to food / water, sea, chemical & industrial environment in pulp, food & pharmaceutical units.

**SURFACE PREPARATION:-**

For surface preparation follow procedure of VCOBOND EPB-5110 concrete primer. After 8 hrs of primer application apply VCOBOND PUWC-5700

**DIRECTION FOR USE:-**

- **MIXING** – VCOBOND PUWC-5700 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 PUWC-5700 A – 2lit, 10 lit & 20 lit.  
VCOBOND PUWC-5700 B– 1lit, 5 lit & 10 lit.

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**COVERAGE:-**

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

**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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