



# Vetotop UC372

High performance, matt finish, chemical, scratch & UV resistant polyurethane floor & wall coating

## Uses

- long term protection of car parks and floors in factories, warehouses, laboratories, loading decks ramps, showers, kitchens, dairies, breweries.
- UV Resistant top coat over flooring systems including concrete, epoxies, aromatic elastic polyurethanes,...etc.

## Product Description

Vetotop UC372 is a two component, solvent based polyurethane top coat. It is used as UV resistant sealer over concrete and the range of Vetotop epoxy and polyurethane flooring & coating systems. The use of special additives and adhesion promoters gives this material excellent penetration and adhesion to minimally profiled concrete. Vetotop UC372 is UV stable for use in exterior applications, cures rapidly and the sealed system is ideal for all weather exposure. When used as a finish coat, Vetotop UC372 gives a hard, matt finish surface that offers excellent scratch resistance and easy cleanability. Vetotop UC372 is supplied in a pack size of 4 liter kit consist of Resin & Hardener.

## Advantages

- Fast easy application
- Superior abrasion, scratch and chemical resistance.
- Low maintenance cost.
- Hygienic, impervious and easily cleanable.
- Available in 8 standard colors with possibility of custom RAL colors.
- High bond, stronger than concrete cohesive strength.
- Weather resistant, UV stable, will not degrade, chalk or yellow under Ultra Violet light exposure.

## Design Criteria

Vetotop UC372 is designed to be a hard wearing thin coat application on cementitious or metal substrates as well as a top coat over epoxy and aromatic urethane coatings at thicknesses between 75 and 100 microns. The product is used for internal and external application. The applied product will be resistant to water as well as a wide range of chemicals.

## Standards Compliance

- DIN 53457
- BS EN476:2009 as class 1 in flame spread.

## Technical Data

Vetotop UC372	Typical Values
Solid Content (%Volume)	50
Recommended DFT / coat	75 - 100
Pot Life @ 12°C/54°F (min)	90
Pot Life @40°C(104°F) (min)	25
Thin Film Dry Time (hours) @ 12°C	12
Application Maximum Relative Humidity (%)	75
Bond Strength to Concrete ASTM D4541	> 1.5 MPa
Taber Abrasion ASTM D4060 CS17 Wheels (mg loss/1000cycles)	15
Water Absorption ASTM D413 (maximum)	0.001
Porosity with no sealer NACE Sand TM-01-74	0
Skid Resistance ASTM D2394	Pass

## Usage Instructions

### Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt curing compound, etc. Laitance and weak surface layer shall be removed using mechanical methods such as grinding or blasting in order to provide a sound well profiled surface. All necessary repairs should be made prior to application by using epoxy mortar from Vetorep ER range.

New concrete floors shall be at least 28 days old with moisture content of less than 5% (shall earlier application be required testing of substrate for moisture conditions shall be made).

### **Mixing Vetotop UC372**

In a separate mixing vessel, use a slow speed mixer to mix the base, hardener for 3 minutes. Mix these components in the quantities supplied taking care to ensure all containers are scraped clean. Do not add solvent thinners at any time.

### **Application**

Apply Vetotop UC372 by roller to the surface. The application should be at a rate of 5 m<sup>2</sup>/liter per coat.

Application should not be carried out when humidity exceeds 75%, or when the surface temperature to be coated is less than 3°C above the dew point.

Vetotop UC372 can be applied as a single coat, or as a multi coat sandwich system incorporating Vetograin products to give a slip resistant finish.

For more information, please refer to Vetograin Technical Data Sheet.

### **Expansion Joints**

Expansion joints in the existing substrate must be retained and continued through the Vetotop UC372 topping. Saveto have a range of joint sealants specifically designed for flooring (see Vetoflex PU781 and Vetoflex PS782 product data sheets).

### **Cleaning**

Tools and equipment should be cleaned with Vetonit Solvent XX300 immediately after use.

### **Packaging & Coverage**

Product	Pack Size
Vetotop UC372	4 Liter Kits

Product	Theoretical Coverage
Vetotop UC372	5 m <sup>2</sup> / Liter @ 200 microns DFT

Stated consumptions data are for general guidance. Actual consumption depends on the nature of substrate, method of application and wastage.

In case of use of antislip aggregates, the consumption values for the top coat will increase by 15 - 20%.

## **LEGAL DISCLAIMER**

Saveto endeavors to ensure that any advice, recommendations, information it may give, is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products, because it has no direct or continuous control over where or how its products are applied, whether or not in accordance with any advice, specification, recommendation or information given by us. Saveto has the right to change any of the specifications mentioned in the Technical data sheets upon its discretion without prior notification. Hard copies of TDSs are printed once or twice a year, while our technical data sheets are continuously being updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

## **Shelf Life & Storage**

Original sealed kit of Vetotop UC372 has a shelf life of 12 months provided it is stored clear of ground in a dry and shaded place below 35°C.

## **Health & Safety**

Vetotop UC372 is irritant and harmful therefore avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. In case of contact with eyes, clean immediately with plenty of clean cold water and seek medical advice.

Ensure adequate ventilation when using product or when using solvent for cleaning purposes and avoid inhalation of vapors. The use of barrier creams provide additional skin protection. In case of contact with skin, rinse with plenty of clean water, then cleanse with soap and water. Do not use solvent. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - Do not induce vomiting.

Vetotop UC372 and Vetonit Solvent XX300 are flammable. Keep away from sources of ignition. No Smoking. In the event of fire extinguish with CO<sub>2</sub> or foam. Refer to product(s) MSDS for further information.

## **Additional Information**

Saveto manufactures a wide range of construction chemicals and specialty products for various applications divided into the following product groups:

- Waterproofing.
- Concrete Repairs, Grouts and Enhancements.
- Flooring and Coating Systems.
- Wall & Facade Systems.
- Sealants and Joints.
- Renders & Finishes.
- Plasters & Masonry.
- Tiling Systems.
- Primers & Ancillary Products.
- Specialty Products.