

## FLOORING



# Vetotop UC372

Chemical, scratch & UV-resistant polyurethane floor & wall coating (High performance, matt finish)

### Uses

- It provides long-term protection for car parks, factory floors, warehouses, laboratories, loading decks, ramps, showers, kitchens, dairies, and breweries.
- An ideal UV Resistant top coat for multiple flooring systems including concrete, epoxies, and aromatic elastic polyurethanes.

### Product Description

Vetotop UC372 is a two-component, solvent-based, polyurethane topcoat. It is used as a UV-resistant sealer over concrete, epoxy, and polyurethane flooring & coating systems (From the Vetotop range). Due to special additives and adhesion promoting chemicals, this product provides excellent penetration and adhesion to minimally profiled concrete. Vetotop UC372 is a sealed system that provides outstanding UV stability on exterior applications as it cures rapidly and withstands all types of weather exposure. When used as a finish coat, Vetotop UC372 provides a hard, matt finished surface that resists scratching well and is easy to clean.

### Advantages

- Fast & easy application.
- Superior abrasion, scratch, and chemical resistance.
- Low maintenance cost.
- Hygienic, impervious, and easily cleanable.
- Available in 8 standard colors (with the possibility of custom RAL colors).
- High bonding properties (stronger than concrete cohesive strength).
- Weather-resistant & UV stable (will not degrade, chalk, or turn yellow when exposed to UltraViolet light).

### Technical Data

Vetotop UC372	Typical Values
Solid Content (by weight %)	50
Recommended DFT / coat / (microns)	75-100
Pot Life @ 12°C/54°F (Minutes)	90
Pot Life @ 40°C/104°F (Minutes)	25
Thin Film Dry Time @ 12°C (Hours)	12
Application Maximum Relative Humidity (%)	75
Bond Strength to Concrete - ASTM D4541 (MPa)	> 1.5
Taber Abrasion - ASTM D4060 CS17 Wheels (mg loss/1000 cycles)	15
Water Absorption - ASTM C413 (maximum)	0.001
Porosity with No Sealer NACE Sand (TM-01-74)	0
Skid Resistance - ASTM D2394	Pass

### Standards Compliance

- ASTM C722
- BS EN476:2009 as class 1 in flame spread.

### Design Criteria

Vetotop UC372 is designed to be applied as a hard-wearing thin coat on cementitious or metal substrates, and as a top coat over epoxy and aromatic urethane coatings (Application thickness: between 75 and 100 microns). The product is ideal for both internal and external applications as it is resistant to water as well as a wide range of chemicals.

## Usage Instructions

### Surface Preparation

The surface should be sound, clean, free from loose material, grease, laitance, dirt-curing compounds, etc.

Laitance and weak surface layers must be removed using mechanical methods such as grinding or blasting to provide a sound, well-profiled surface. Use an epoxy mortar from the Vetorep ER range to repair all necessary areas before applying.

New concrete floors should be at least 28 days old with a moisture content of less than 5% (test the substrate's moisture conditions if an earlier application is necessary).

### Mixing

Mix the base & hardener together for 3 minutes using a slow-speed mixer. Make sure you follow our mixing guidelines and procedures carefully. Scrape the container of any residue and do NOT add solvent thinners at any time.

### Application

Apply Vetotop UC372 using a roller so the application coverage rate is at 5 m<sup>2</sup>/liter per coat (@ 100 microns DFT).

Do not apply when humidity exceeds 75% or when the temperature of the coated surface is less than 3°C above the dew point.

Vetotop UC372 can be applied as a single coat or multi-coat sandwich system incorporating Vetograin products to give a slip-resistant finish. For more information, please refer to the Vetograin Technical Data Sheet.

### Expansion Joints

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

### Cleaning

Clean tools and equipment with Vetonit Solvent XX300 immediately after use.

### 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 following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

Hard copies of TDSs are printed once or twice a year. Our technical data sheets are continuously updated as per R&D improvements and new 3rd party testing; kindly refer to our website for the latest updated TDSs.

## Packaging & Coverage

Product	Pack Size	Consumption
Vetotop UC372	4 Liters Kit	5 m <sup>2</sup> /Liter @ 100 microns DFT

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

If you're using anti-slip aggregates, the consumption values for the topcoat will increase by 15 - 20%.

### Shelf Life & Storage

The 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 at a temperature below 35°C.

### Health & Safety

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

Don't inhale the vapors arising from using this product or cleaning your tools with solvents. Make sure the room is properly ventilated.

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. If swallowed, seek medical attention immediately - Do not induce vomiting.

Vetotop UC372 and Vetonit Solvent XX300 are both flammable. Keep away from sources of ignition and don't smoke around them. In the event of a fire, extinguish with CO<sub>2</sub> or foam.

Refer to the product(s) MSDS for further information.

### Additional Information

Saveto manufactures a wide range of construction chemicals and specialty products for various applications.

For further information on these products and systems kindly check our website or contact your local Saveto representative.