



Vetotop UC370

UV-resistant & trafficable polyurethane coating

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 polyurethanes.

Product Description

Vetotop UC370 is a two-component, low-viscosity, acrylic-urethane topcoat. It is used as a UV-resistant sealer over concrete (when used with the Vetofloor epoxy range & with polyurethane flooring and coating systems)

Vetotop UC370 is the ideal topcoat for steel substrates (after the mandatory priming using Vetoprime EP491).

Vetotop UC370 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 UC370 provides a hard, glossy surface that resists stain well and is easy to clean.

Advantages

- Excellent adhesion.
- UV Resistant (does not change color to yellow).
- Durable and feasible to maintain.
- Good resistance to a wide range of chemicals.
- High mechanical properties with excellent impact and abrasion resistance.
- Provides a degree of flexibility.

Standards Compliance

- ASTM C722

Design Criteria

Vetotop UC370 is designed to be applied by a roller or an airless spray in two or more coats at a thickness of 100 microns per coat (DFT). The abrasion resistant & trafficable product is designed to resist ultraviolet rays (UV).

Technical Data

Vetotop UC370	Typical Values
Solid Content (by Volume %)	55-60
Recommended DFT / coat / (microns)	75-100
Pot Life @ 20°C/68°F (Minutes)	60
Pot Life @ 40°C/104°F (Minutes)	20
Application Maximum Relative Humidity (%)	75
Tensile Strength - ASTM D638 (N/mm ²)	11
Elongation (%)	100
Bond Strength to Concrete - ASTM D4541 (N/mm ²)	> 2
Taber Abrasion - ASTM D4060 CS17 Wheels (mg loss/1000 cycles)	20
Water Absorption - ASTM C413 (maximum)	0.001
Porosity with No Sealer NACE Sand (TM-01-74)	0
Skid Resistance - ASTM D2394	Pass

Vetotop UC370 has good resistance to alkalis, diluted acids, solvent spillage chemicals, jet fuel, grease, etc. Due to its high abrasion resistance and elasticity, Vetotop UC370 is suitable for indoor and outdoor applications in car parks, vehicle ramps and traffic aisles.

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 solvents at any time.

Application

Apply Vetotop UC370 using a roller or an airless spray. Spray Vetotop UC370 at a thickness of 125 - 150 micron (50% solids), so the application coverage rate is at 3.5 m²/liter per coat (@ 150 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 UC370 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.

You can recoat the surface within 24 hours maximum and at a temperature above 25°C only.

Expansion Joints

Expansion joints in the existing substrate must be retained and continued through the Vetotop UC370 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 UC370	4 & 15 Liters Kit	6 m ² /Liter @ 100 microns DFT
Vetoprime EP491	4 Liters Kit	7 - 10 m ² / Liter

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 - 40%.

Shelf Life & Storage

The original sealed kit of Vetotop UC370 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 UC370 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 UC370 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 CO2 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.