

## FLOORING



# Vetotop UC363

High performance, aromatic & flexible waterproof polyurethane flooring membrane

### Uses

- Car park decks and traffic coating system.
- Food and pharmaceutical industry flooring.
- Aircraft hangers.
- Service centers, workshops.

### Product Description

Vetotop UC363 is a two-component, solvent-free aromatic polyurethane intermediate coat and waterproofing membrane. The product needs to be overcoated with Vetotop UC370 or Vetotop UC371 or Vetotop UC372 or Vetotop UC373 for optimum performance and scratch resistance. The product's flexibility enables it to perform in a wide range of flooring applications.

### Advantages

- Fast, easy application.
- Flexible.
- Low maintenance cost.
- Hygienic, impervious, and easily cleanable.
- High bond, stronger than concrete cohesive strength.
- Excellent impact resistance.

### Design Criteria

Vetotop UC363 is designed to be an intermediate waterproof coat preceded with a primer and overcoated with a scratch resistant coat of an aliphatic polyurethane based coating such as Vetotop UC370 or Vetotop UC371 or Vetotop UC372 or Vetotop UC373. Vetotop UC363 is aromatic Polyurethane coating that is applied at a thicknesses of 800 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

- ASTM D 6577

### Technical Data

Vetotop UC363	Typical Values
Volume Solids	100 %
Mixed Density	1.4 Kg/L
Recommended DFT / coat	800 microns
Pot Life @40°C(104°F)	20 minutes
Tensile Strength (ASTM D638)	8 MPa
Elongation (ASTM D522)	80 %
Application Maximum Relative Humidity (%)	75 %
Bond Strength to Concrete ASTM D4541	> 1.5 MPa
Taber Abrasion ASTM D4060 CS17 Wheels (mg loss/1000cycles)	55 mg
Water Absorption ASTM D570	0.001
Porosity with no sealer NACE Sand TM-01-74	0
Service Temperatures	-20 °C to +65°C
Traffic weight	Up to 3 MT

## 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 to provide a sound, well-profiled surface. Repair all necessary surfaces before application by using epoxy mortar from the Vetorep ER range. New concrete floors shall be at least 28 days old with a moisture content of less than 5% (shall earlier application be required testing of substrate for moisture conditions shall be made).

### Priming

Prime concrete substrates with Vetoprime EP691, Vetoprime EP490, Vetoprime EP491.

### Mixing Vetotop UC363

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, ensuring that all containers are scraped clean. Do not add solvent thinners at any time.

### Application

Apply Vetotop UC363 by a pin leveler or airless spray to the dry surface. The application should be at a rate of 1.25 m<sup>2</sup>/liter per coat.

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

Vetotop UC363 can be applied as a single coat or dressed with 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 UC363 topping. Saveto has a range of joint sealants specifically designed for flooring (see Vetoflex PS782 product data sheet).

### Cleaning

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

### Legal Disclaimer

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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
Vetotop UC363	4 & 15 Liters Kit
Vetoprime EP691	15 Liters Kit
Vetoprime EP490	4 & 15 Liters Kit
Vetoprime EP491	4 & 15 Liters Kit

Product	Theoretical Coverage
Vetotop UC363	1.25 m <sup>2</sup> / Liter @ 800 microns.
Vetoprime EP691	5-10 m <sup>2</sup> / Liter @ 200-100 microns.
Vetoprime EP490	5.5 m <sup>2</sup> /Liter @100 microns DFT. 11 m <sup>2</sup> /Liter @ 50 microns DFT.
Vetoprime EP491	5 - 10 m <sup>2</sup> /Liter @ 200 - 100 microns.

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

In the case of using antislip aggregates, the consumption values for the topcoat will increase by 15 - 20%.

### Shelf Life & Storage

The original sealed kit of Vetotop UC363 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 UC363 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 the product or when using solvent for cleaning purposes and avoid inhalation of vapors. The use of barrier creams provides 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.

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