

# WATERPROOFING



## Vetoproof UM766

Cold liquid-applied elastomeric polyurethane  
Waterproofing membrane

### Uses

- Wet areas: kitchens, bathrooms, swimming pools,...etc.
- Basements, tunnels, subways, and culverts.
- Inverted roofs, suspended slabs, balconies.
- Tanking systems.

### Product Description

Vetoproof UM766 is a high solids content, cold liquid-applied pitch extended elastomeric polyurethane waterproofing membrane; the product is a liquid applied that hardens through reaction with atmospheric water vapor to form a highly elastic rubbery jointless membrane that is resistant to aggressive groundwater and sewage. Vetoproof UM766 can be applied at 0.7mm on vertical application.

### Advantages

- Easy to apply single component liquid application.
- A jointless application that is easy to detail.
- Crack bridging highly elastic membrane at various temperatures.
- Vapour proof.
- Easy to repair and maintain.
- Fully bonded, prohibiting lateral migration of water.
- Thermally and chemically stable, resistant to oxidation and embrittlement.
- Economical.

### Standards Compliance

- ASTM C836

### Design Criteria

Vetoproof UM766 usage follows the guidelines of BS 8102 and CIRIA report No. 139 and ASTM C1417 and ASTM C898.

### Technical Data

Vetoproof UM766	Typical Values @ 25°C, 50% RH
Color	Black
Tack free time	4 - 6 hours
Permeability: ASTM E96	0.035
Water Vapour Transmission ASTM E96	9.6 (gm / m <sup>2</sup> / 24 hrs)
Elongation: ASTM D412	> 250 %
Tensile Strength ASTM D412	2 MPa
Elastic Recovery %: ASTM D412	95 %
Tear Resistance ASTM D624	10 KN/m
Shore A Hardness ASTM D2240	> 32
Aged Hardness: ASTM D2240	38
Service Temperature	70°C
Recoat time	24 hours
Full cure	7 days

## Usage Instructions

### Surface Preparation

All surfaces to be applied with Vetoproof UM766 must be clean and have an open capillary system. Eliminate laitance, dirt, grease, and other loose materials using high-pressure water jetting or wet sandblasting. Defective concretes such as cracks and honeycombs have to be chased out and repaired before the application.

### Priming

Priming is not usually required on good quality concrete substrates; however, for highly porous or absorbent concrete, use Vetoseal XX777-50.

### Application

Apply Vetoproof UM766 should by a brush, trowel, or a gaged spreader at a thickness of 0.7mm. Use glass fiber scrim and joint tapes on corners and critical areas for membrane reinforcement.

Tiling over Vetoproof UM766 is possible; in such cases, spray sharp sand over Vetoproof UM766 while still wet, 24 hours later, remove all excess sand, and use a suitable tile adhesive from Saveto Tiling Systems Product Range to bond the tiles directly over the membrane.

### Curing

Allow Vetoproof UM766 to cure for a minimum of 24 hours before placing the protection. Protect the membrane with a cementitious screed or protection boards where damage to the membrane is possible.

Note: Vetoproof UM766 is not resistant to UV light.

### Cleaning

Clean all tools employed to apply Vetoproof UM766 with Vetonit Solvent XX400 before it hardens; otherwise, mechanical means are needed.

## 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	Coverage
Vetoproof UM766	20 Liters Pails	1.4 m <sup>2</sup> /L @ 0.7 mm thickness

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

### Shelf Life & Storage

The original sealed bag of Vetoproof UM766 has a shelf life of 6 months, provided it is stored in original sealed containers clear of ground in a dry and shaded place below 35°C.

### Health & Safety

Some people are sensitive to resins, hardeners and solvents. Wear suitable protective clothing, gloves, and eye protection. If working in confined areas, suitable respiratory protective equipment must be used. 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 the eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - Do not induce vomiting.

Vetoproof UM766 is flammable, do not use near to open flames. Refer to product 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.