

# WATERPROOFING



## Vetoproof UM765

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 UM765 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 UM765 can be applied at 0.5mm 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.

### Standards Compliance

- ASTM C836

### Design Criteria

Vetoproof UM765 usage follows the guidelines of BS 8102 and CIRIA report No. 139 and ASTM C1417 and ASTM C898.

### Technical Data

Vetoproof UM765	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 UM765 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 UM765 by brush, trowel, or a gaged spreader at a thickness of 0.5mm. Use glass fiber scrim and joint tapes on corners and critical areas for reinforcement of the membrane.

Tiling over Vetoproof UM765 is possible; in such cases, spray sharp sand over Vetoproof UM765 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 UM765 to cure for a minimum of 24 hours before placing protection. Protect the membrane with a cementitious screed or protection boards where damage to the membrane is possible.

Note: Vetoproof UM765 is not resistant to UV light.

### Cleaning

Clean all tools employed to apply Vetoproof UM765 with Vetonit Solvent XX400 before it hardens; otherwise, mechanical means are needed.

## Packaging & Coverage

Product	Pack Size	Coverage
Vetoproof UM765	20 Liters Pails	2 m <sup>2</sup> /L @ 0.5 mm thickness

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

### Shelf Life & Storage

The original sealed pail of Vetoproof UM765 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, appropriate respiratory protective equipment must be used. The use of barrier creams provides additional skin protection. In case of skin contact, 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 the product Material Safety Datasheet 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.

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