

# WATERPROOFING



## Vetoproof UM767

Elastomeric two-component PU modified cold liquid applied waterproofing membrane

### Uses

- Wet areas: kitchens, bathrooms, swimming pools, etc.
- Basements, tunnels, subways, and culverts.
- Inverted roofs, gypsum and cement boards, suspended slabs, and balconies.
- Tanking systems.
- Concrete repair works.

### Product Description

Vetoproof UM767 is a premium quality, pitch extended (bitumen), two-component polyurethane waterproofing membrane; the product is a cold liquid applied that hardens through reaction between part A and part B to form a highly elastic rubbery jointless waterproofing membrane that is resistant to aggressive groundwater and sewage. Vetoproof UM767 can be applied at 0.5 mm on vertical application.

### Advantages

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

### Standards Compliance

- ASTM C836

### Design Criteria

Vetoproof UM767 usage follows the guidelines of BS 8102 and CIRIA report No. 139 and ASTM C1417 and ASTM C898.

### Technical Data

Vetoproof UM767	Typical Values @ 25°C
Appearance	Black
Tack free time (Hours)	3
Pot Life (Minutes)	25
Permeability: ASTM E96	0.035
Water Vapor Transmission: ASTM E96 (gm / m <sup>2</sup> / 24 hrs.)	9.6
Elongation: ASTM D412 (%)	> 1000
Tensile Strength: ASTM D412 (MPa) (N/mm <sup>2</sup> )	4
Elastic Recovery: ASTM D412 (%)	95
Tear Resistance: ASTM D624 (kN/m)	17
Shore A Hardness: ASTM D2240	> 35
Aged Hardness: ASTM D2240	40
Service Temperature (°C)	-40 to 70

## Usage Instructions

### Surface Preparation

All surfaces to be applied with Vetoproof UM767 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.

### Mixing

Vetoproof UM767 is supplied in two pre-weighed components. Thoroughly stir the contents of the base container. Pour component B hardener into Component A container and mix well with a mechanical jiffy-type mixer operated at low speed. Scrape the side of the container to ensure the entire product has been properly mixed.

### Application

Apply Vetoproof UM767 by a brush, trowel, or a gaged spreader at a thickness of 0.5 mm. Use glass fiber scrim and joint tapes on corners and critical areas for membrane reinforcement.

Tiling over Vetoproof UM767 is possible; in such cases, spray sharp sand over Vetoproof UM767 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 UM767 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 UM767 is recommended for interior applications.

### Cleaning

Clean all tools employed to apply Vetoproof UM767 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	Theoretical Coverage
Vetoproof UM767	20 Liters Kit	1.9 m <sup>2</sup> /liter/coat @ 0.5 mm thickness 0.5 m <sup>2</sup> /liter/coat @ 2 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 kit of Vetoproof UM767 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

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 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 the eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - Do not induce vomiting.

Vetoproof UM767 & Vetonit Solvent XX400 are 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.