



Vetoproof TOP

Single-component flexible acrylic copolymer-based waterproofing membrane

Uses

- Waterproofing of concrete, asbestos, metal, tile, cement, and gypsum board surfaces.
- Waterproofing flashing roof edges, gardens, basement, and sand which application.
- Protecting spray polyurethane foam insulation from UV rays.
- As a decorative overlay on bituminous membranes and over existing terrazzo tiles.
- Waterproofing of corrugated sheets and sloped roofs.

Product Description

Vetoproof TOP is a single-component cold liquid applied flexible acrylic copolymer-based elastomeric waterproofing membrane designed to offer excellent long term waterproofing characteristics and resistance to UV degradation, whilst remaining flexible to give excellent crack bridging ability. Vetoproof TOP is an all-cross-linking-acrylic making it resistant to yellowing, color fading, and has excellent dirt-pick-up resistance.

Advantages

- Flexible elastomeric product.
- UV and color stable.
- Can achieve 1 mm thickness in 2 coats.
- Excellent weathering resistance.
- It can be applied over sloped roofs.
- Easy to maintain and trafficable.
- Dirt-pickup resistance.
- It reflects sun rays, making it a cool roof coating.
- Easy to apply by brush, roller, and spray.
- Withstands substrate movements.
- Excellent crack bridging capability.

Technical Data

Vetoproof TOP	Typical Values @ 20°C
Density (kg/L)	1.4
Chloride Content	Nil
Resistance to positive water pressure DIN1048 (Bar)	> 1.5
Solid Content (by weight %)	68-70
Static crack accommodation (mm)	2
Dynamic crack accommodation (mm)	0.75
Elongation @ break (%)	> 350
Weathering Resistance (Hours)	2000 - no change
Full Cure (days)	7
Bond Strength	Higher than concrete cohesive strength
Application Temperature (°C)	+5 to +60
Harmful to EEC 88/379	No
Volatile Organic Content (VOC) ASTM D2369, ASTM D3960 (gm/liter)	< 50
Tensile Strength ASTM D412 (N/mm ²)	> 1.5

Usage Instructions

Surface Preparation

All surfaces should be dry and free from contamination, such as oil, grease, loose particles, decayed matter, moss algal growth, laitance, and all traces of mold release oils and curing compounds. This is best achieved by lightly grit-blasting the surface. Where moss, algae, or similar growths have occurred, carried out treatment with a proprietary biocide after the grit-blasting process. Remove spalled and deeply disintegrated concrete to sound concrete and repair it with a saveto repair system.

Concrete substrates should be at least 14 days old; bituminous substrates should be 3 to 6 months old before overcoating with Vetoproof TOP.

Application

Apply Vetoproof TOP by brush, roller, or airless spray machine. Prime porous cementitious surfaces with Vetoprime TOP at the rate of 5 m²/liter and allow it to dry before applying the first coat. Apply the first coat of Vetoproof TOP and allow it to cure for 4 - 12 hours depending on the ambient temperature.

Apply the second coat perpendicular to the first coat and allow it to cure.

It is recommended for heavy pedestrian traffic to use fiberglass scrim reinforcement, embedded firmly in the second coat while wet, and a third coat should be applied.

Cleaning

Remove Vetoproof TOP product from tools, equipment, and mixers with clean water before the initial set. Cured material can only be removed mechanically.

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 TOP	20 kg Pail	2.3 m ² /kg/coat @300 microns thickness 1 m ² /kg/coat @500 microns 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 container of Vetoproof TOP has a shelf life of 12 months provided it is stored clear of ground in a dry shaded place below 35 °C.

Limitations

Vetoproof TOP should not be applied at ambient temperatures below 5 °C and dropping.

Vetoproof TOP should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75 %.

For further information contact our technical department.

Health & Safety

Vetoproof TOP contains an acrylic copolymer that can be harmful to the skin. During use, avoid contact with skin and eyes. Wear suitable protective clothing, gloves, eye protection, and respiratory protective equipment. The use of barrier cream provides additional skin protection. In case of skin contact, rinse with plenty of clean water, then cleanse with soap and water. In case of contact with the eye, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

Vetoproof TOP is non-flammable.

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.