

WATERPROOFING



Vetoproof AZL

Single-component, flexible hybrid polyurethan roof waterproofing membrane

Uses

- Waterproofing of wet areas like bathrooms, toilets, public showers and kitchens.
- Waterproofing of roofs, terraces, balconies, domes, aluminum sandwich panels and corrugated sheets.
- Waterproofing exposed roofs of concrete, metal, cement, and gypsum board surfaces in both new construction and refurbishment projects.

Product Description

Vetoproof AZL is a single component, cold liquid applied waterproofing and protective coating, based on a hybrid polyurethane technology. Vetoproof AZL is flexible, durable, and UV-resistant. The product is white in color with a high solar reflective index (SRI) that ensures better thermal roof insulation. It is a new technology towards Green Revolution in PU Based Products.

Advantages

- Easy to use.
- Low VOC.
- Excellent resistance to water and vapour.
- High resistance against chlorides, sulphates, bacteria, oil and common fuels.
- Exceptional sun rays reflection which reduces indoor temperatures and electricity consumption.
- Highly elastic and crack-bridging.
- It can be applied over sloped roofs.
- Dirt-pickup resistance.
- Resists impact damage and foot traffic.
- Excellent UV resistance, weatherability & color retention properties.
- Excellent to refurbish existing roofs without replacing them.
- Environmentally friendly.

Technical Data

Vetoproof AZL	Typical Values @ 25°C, RH 50%
Color	White
Density (kg/liter)	1.22
Solid Content (%)	60
Touch Dry Time (Hours)	1-2
Re-coating interval (Hours)	6
Full Cure Time (Days)	7
Bond Strength (MPa)	> 0.35
Weathering Resistance - ASTM G154 (Hours)	2000 - no change
Tensile Strength (MPa)	> 2
Chemical Resistance - ASTM D543	Excellent
Elongation - ASTM D412 @ break (%)	> 300
Crack Bridging - ASTM C836 (mm)	1.5
Solar Reflectance Index (SRI) (%)	92
Application Temperature (°C)	5 to 45
Hydrostatic pressure @5 bar (50 mm)	No leakage
Harmful to EEC 88/379	No
Volatile Organic Content (VOC) ASTM D2369 - ASTM D3960 (mg/liter)	< 15

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, treatment with a proprietary biocide should be carried out after the grit-blasting process. Spalled and deeply disintegrated concrete should be removed to sound concrete and repaired with a Saveto repair system.

Note: *Concrete substrates should be at least 14 days old.

Priming

Vetoproof AZL does not require priming and can directly be applied onto the concrete surface. In case of highly porous surface, a priming coat is recommended to seal the pores and stabilize the surface. The primer coat can be produced on site by diluting Vetoproof AZL 1:1 with water. Apply one coat and allow to completely dry.

Mixing

Vetoproof AZL is a single component product but mix the contents of the pail thoroughly prior to application to remove any sediment. A slow speed drill and suitable paddle mixer shall be used to avoid the formation of air bubbles.

Application

The coating can be applied with a brush, roller or airless spray machine and shall be applied in a minimum of 2 coats. The 1st coat shall be allowed to dry completely for 4 - 12 hours depending on the ambient temperature. before the 2nd coat is applied. The 2nd coat shall be applied cross wise to the first coat. The coating will achieve its full strength after a curing period of 7 days.

Apply the second coat perpendicular to the first coat.

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

Cleaning

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

Legal Disclaimer

Saveto endeavors to ensure that any advice, recommendations, information it may give is accurate and correct. It cannot accept any liability either directly or indirectly arising from the use of its products because it has no direct or continuous control over where or how its products are applied, whether or not following any advice, specification, recommendation, or information given by us. Saveto has the right to change any of the technical datasheets specifications upon its discretion without prior notification.

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 AZL	20 kg bucket	0.6 m ² /kg @ 1 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 container of Vetoproof AZL has a shelf life of 12 months, provided it is stored off the ground in a dry, shaded place below 35°C.

Limitations

- Vetoproof AZL should not be applied at ambient temperatures below 5°C.
- Vetoproof AZL should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.
- Do not apply the next coat unless the previous one is fully dry. Minimum recoating interval time should be followed.
- Do not apply on wet and moistened surfaces until completely dry.
- For further information contact our technical department.

Health & Safety

Vetoproof AZL contains polyurethane acrylic polymers, which 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 creams 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 eyes, rinse immediately with plenty of clean water and seek medical advice. If swallowed, seek medical attention immediately - do not induce vomiting.

Vetoproof AZL is non-flammable.

For further information, please refer to the Product Material Safety Data Sheet.

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.