



Vetoseal XW771

Silane-siloxane water repellent (Water-based)

Uses

- To transform construction substrates to water repelling surfaces.
- For cementitious substrates (block & brickwork, precast panels, and plasters).
- To seal & treat natural stone, marble, and absorbent tiles.
- As a sealer for cementitious-based Vetotouch range (of EIFS/ETICS finishes).

Product Description

Vetoseal XW771 is a water-based silane-siloxane water repellent that's penetrating & hydrophobic. It penetrates cementitious and stone substrates & works by reaction to increase the surface tension of water (to slide away easily from the surface). Vetoseal XW771 allows the substrate to breathe by giving water vapor space to escape. It also drastically reduces water absorption & has a high resistance to the ingress of chloride ions.

Advantages

- Single component (enables a fast & easy application).
- Cost-effective.
- Easily penetrates substrates.
- Non-staining.
- Reduces water & chloride intrusion.
- Increases freeze-thaw resistance.
- Minimizes efflorescence.
- Allows water vapor to escape from the structure
- Resists atmospheric contaminants.

Standards Compliance

- EN 1504-2

Technical Data

Vetoseal XW771	Typical Values @ 20°C
Appearance and Color	Clear liquid
Density (kg/liter)	0.9
Application Temperature (°C)	5 - 35
Number of Coats Recommended	2 - 3
Over Coating Time (Hours)	4 - 6

Design Criteria

Vetoseal XW771 is designed to be applied by a brush or a low-pressure spray in 2 to 3 flood coats (for maximum performance). Treating tiles by immersing them in silane-siloxane solutions may slightly reduce the tile bonding properties (because it relies on absorption of adhesive paste to bond).

Usage Instructions

Preparation

Surfaces about to be treated with Vetoseal XW771 must be structurally sound and free from loose materials, grease, oils, or other contaminants. If contamination is present, we recommend removing it by grit blasting and using an industrial chemical degreaser. Repair cracks or holes using a standard Saveto repair system (and allow it to cure before proceeding).

Application

Apply Vetoseal XW771 as a continuous flood coat using either a soft brush or a low-pressure spray at the correct coverage rate (4 - 6 m²/ltr.). Two to three flood coats are sufficient for best performance (leave 4 - 6 hours between coats).

Cleaning

Clean equipment & tools using Vetonit Solvent XX400 immediately after use. Use mechanical means (like a wire brush) to remove residue & cured material.

Limitations

- Water Pressure Testing:** Vetoseal XW771 cannot undergo high-water pressure testing. Instead, it is recommended to apply it manually or using a garden spray for testing purposes.
- Factors Affecting Performance:** The performance of Vetoseal XW771 may be influenced by the following factors:
 - **Erosion, Sandstorms, and heavy storms:** Exposure to these environmental conditions can have an impact on the performance of the product.
 - **Friction:** Friction can affect the effectiveness of Vetoseal XW771. Care should be taken to minimize friction during application and subsequent usage.
 - **Vibration:** Vibrations can lead to the development of micro cracks in the substrate, which might compromise the performance of Vetoseal XW771.
 - **Impact Forces:** Any accidents or incidents that result in impact forces on the substrate can also pose a risk to the performance of the product.
- Waterproofing Capability:** It's important to note that Vetoseal XW771 is not a waterproofing membrane designed to withstand hydrostatic pressure. As such, it is recommended only for applications where hydrostatic pressure is not a concern.

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	Consumption
Vetoseal XW771	5 & 20 Liters Container	4-6 m ² /Liters

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 Vetoseal XW771 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

Vetoseal XW771 should not come into contact with your skin and eyes. It should not be swallowed as well. Avoid inhalation of vapor and spray. Use only in well-ventilated areas. In case of insufficient ventilation, wear suitable respiratory protection.

Wear suitable protective clothing, gloves, and eye/ face protection. Barrier creams provide additional skin protection.

Should accidental skin contact occur, remove immediately with a suitable skin cleanser followed by washing with soap and water. In case of contact with your eyes, rinse immediately with plenty of water and seek medical attention. If swallowed, seek medical help immediately - do not induce vomiting.

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.