



Vetocure XT427

Liquid floor hardener & dust proofer

Uses

- New and old concrete floor dust-proofing and hardening.
- Warehouse and hanger floors.
- Garage floors.
- Pre-cast panels.

Product Description

Vetotop XT427 is a single-component, sodium-silicate-based liquid hardener, dust proofer, and densifier for concrete. It works by reaction with free lime (present in the concrete) to prevent dusting and harden the concrete's surface. The product has penetration properties that enable it to permanently perform across a layer of the concrete surface rather than superficially.

Advantages

- Improved concrete curing (enhances cement hydration & provides more durable concrete).
- Control of moisture loss.
- Improved surface quality.
- Reduced permeability.
- Minimized potential for surface cracking & shrinkage.
- Compatible with many after-trade applications.
- Easy to apply which reduces labor costs.

Standards Compliance

- ASTM C309 as Type II, Class B

Design Criteria

Vetocure XT427 is designed to be a permanent surface hardener & dust-proofer. In liquid form, Vetocure XT427 penetrates the concrete's surface layer & reacts with the free lime to permanently seal pores and harden the surface. It is important to follow the usage instructions and wash the treated surface with plenty of water within an hour of application to prevent permanent surface crystallization (which disturbs the floor's aesthetics).

Technical Data

Vetocure XT427	Typical Values @ 25 °C
Appearance	Clear liquid
Density (kg/liter)	1.3
Chloride Content	Nil
Application Temperature (°C)	5 Minimum
Water Retention - ASTM C156	Pass
Drying Time (Hours)	24
Number of Coats	2 - 3
Over Coating Time (Hours)	2 - 4

Usage Instructions

Mixing

Mix 2 parts of XT427 and 1 part of clean water, slowly, using a speed mixer for 2 minutes to produce a homogenous mix.

Preparation

Surfaces about to be treated with Vetocure XT427 must be structurally sound and free from loose materials.

Repair cracks or holes using a recommended Saveto repair material which should be allowed to cure before proceeding with the application of Vetocure XT427.

Treat oil & grease contaminated surfaces with a suitable chemical degreaser followed by washing with clean water then allow them to dry.

Remove any laitance or existing coating before applying Vetocure XT427, as these prevent the product from penetrating the concrete's surface.

Allow new concrete floors to cure for 14 days before the treatment. Allow the colored floors to cure for 28 before the treatment. Test a small area with Vetocure XT427 to assess the effect it has on the color.

Vetocure XT427 must only be applied on dry surfaces to maximize penetration.

Application

Ensure that the surface you're about to treat is fully dry. Then, use a soft broom or brush to apply the Vetocure XT427 mixture at a rate of approximately 1 liter to every 4 - 6 m² (depending on the surface condition & concrete porosity).

Allow the solution to be absorbed into the floor for up to 2 hours; remove any solution not absorbed after this period. (Failure to do so will create a weak, glossy surface film after drying).

It is recommended that each application must consist of 2 - 3 coats (for complete treatment). However, very dense & well-trowelled surfaces (such as granolithic toppings, power floated, or vacuumed & dewatered concrete) will generally require only a single coat.

If a second application is necessary, re-apply the solution after 24 hours, ensuring that the floor is dry. All surplus solutions must be removed as stated previously. Apply the same procedure for a third application if required.

* Important Note

Consult your local Saveto technical representative for recommendations about conditions & application methods.

Cleaning

Clean spraying equipment immediately after use by flushing it through with water.

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	Consumption
Vetocure XT427	20 & 200 liters Containers	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

Vetocure XT427 has a minimum shelf life of 12 months provided the temperature is kept within the range of 5 to 35°C.

Avoid freezing and prolonged exposure to heat or direct sunlight. Should the temperature of the product fall outside this range, you should contact Saveto's technical service department. Keep containers sealed and airtight to prevent loss of moisture by evaporation.

Health & Safety

Vetocure XT427 does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to get in contact with your skin or eyes (either in raw or mist form).

Wear suitable protective gloves and goggles. Remove splashes on the skin with water. In case of contact with the eyes, rinse immediately with plenty of water and seek medical attention. If swallowed, seek medical attention immediately - do not induce vomiting. Vetocure XT427 is non - flammable. For more information, read the product's 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.