



Vetotop XT423

Liquid floor hardener and dust proofer (Ready to use)

Uses

- Heavy-duty traffic such as car parks, ramps, industrial warehouses, logistical centers,...etc.
- Mechanical and chemical exposure applications.
- Laboratories, hospitals, food and beverage industries.
- Freezer rooms and applications where thermal shock resistance is required.

Product Description

Vetotop XT423 is a single-component, ready-to-use, sodium-silicate-based liquid hardener, dust proofer, and densifier. It's ideal for concrete as it works by reaction with free lime present in the concrete to prevent surface dusting or hardening. The product has penetration properties that enable it to perform permanently across a layer of the concrete surface rather than superficially.

Advantages

- Fast & easy to apply.
- Surface improvement against oils and chemicals.
- It improves oil and chemical resistance
- Eliminates surface dusting.
- Cost-effective.
- Enhances surface resistance to abrasion & water penetration.
- Monolithic (does not add thickness to the concrete surface).

Standards Compliance

- EN 1504-2

Technical Data

Vetotop XT423	Typical Values
Appearance and Color	Clear Liquid
Density (kg/liter)	1.2
Viscosity (cP)	14 ± 2
Number of coats	2 - 3
Application Temperature (°C)	5 to 35
Over Coating Time (Hours)	2 - 4
Drying Time (Hours)	24
Solid Content	32 ± 2

Design Criteria

Vetotop XT423 is designed to be a permanent surface hardener and dust-proofer. Vetotop XT423 in liquid solution penetrates the concrete surface layer and reacts with concrete's 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 that disturbs the floor's aesthetics.

Usage Instructions

Surface Preparation

Surfaces to be treated with Vetotop XT423 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 Vetotop XT423). Treat oil and grease contaminated surfaces with a suitable chemical degreaser followed by washing with clean water and then allowing it to dry. Remove any laitance or existing coats before application, as these will prevent the Vetotop XT423 from penetrating the concrete surface.

Allow new concrete floors to cure for 14 days before treatment. Allow colored floors to cure for 28 days before treatment. Test a small area with Vetotop XT423 to assess the effect on the color. Vetotop XT423 must be applied only to dry surfaces to maximize penetration.

Application

Vetotop XT423 can be applied at a rate of approximately 1 liter to every 6.5 - 10 m², depending on the surface condition and concrete porosity. Use a soft broom or brush.

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 result in forming a weak, glossy surface film following the drying.

Normally a two or three-coat application is recommended 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.

Packaging & Coverage

Product	Pack Size	Coverage
Vetotop XT423	20 Liters	6.5 - 10 m ² /liter of liquid for 1 coat

Stated consumption data are for general guidance. Actual consumption depends on the nature of substrate, method of application, and wastage.

Shelf Life & Storage

The original sealed bucket of Vetotop XT423 has a shelf life of 12 months, provided it is stored clear of ground in a dry and shaded place at a temperature below 35°C.

Health & Safety

Vetotop XT423 is alkaline and should not come into contact with skin or eyes or be swallowed. Wear suitable protective clothing, gloves, boots, and eye/face protection.

After contact with skin, wash immediately with plenty of soap and water. In case of contact with eyes, rinse immediately with plenty of clean water and seek medical attention. If swallowed, do not induce vomiting; seek medical attention immediately.

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.

Legal Disclaimer

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