



Vetorel XT420

Water based Mold and Form-work Release Agent

Uses

- Vetorel XT420 is used to treat wooden and metal form-work (shuttering) or molds before casting concrete to facilitate stripping.
- Minimizing concrete surface blemishes and pinholes.
- Suitable to use on wood, timber and metal molds.

Product Description

Vetorel XT420 is a single component milky liquid composed of synthetic oils, special emulsifying agents, and varied additives with high anti-adhesion properties towards the concrete. Vetorel XT420 provides the plywood surface with a water repellent film preventing concrete from adhering to the form-work resulting in a smooth, stainless concrete surface.

Advantages

- Factory-controlled, single component, and easy to use.
- Water-based, environment-friendly product.
- Odorless and nonflammable.
- Produces neat concrete surfaces by letting the air & water bubbles rise freely during vibration.
- Minimize surface staining even with white cement-based concrete.
- Adheres to all wooden or plywood form surfaces, as well as to synthetic or steel forms.
- Ensure easy release and cleanability while extending the usable life of shuttering.

Technical Data

| Vetorel XT420 | Typical Values @ 25°C and 50% RH |
|--|---|
| Appearance | Milky liquid |
| Density @ 25°C (kg/ltr) | 0.98 Approx. |
| Drying Time (Hours) | 2 - 3 |
| Chloride content | Nil |
| Application Rate (m ² /liter) | 7 - 20 (depending on type of shuttering) |
| Application temperature (°C) | from +5 to + 35 |
| Harmful to EEC 88/379 | No |

Usage Instructions

Surface Preparation

Clean all form-work and shutter surfaces from deposits of rust, concrete, oil, or other materials. The product is ready to use without any dilution.

Application

Vetorel XT420 is supplied in containers ready to use at the site without a need to premix operation. Apply Vetorel XT420 by brush, roller, or spraying machine.

Apply Vetorel XT420 on plywood or steel shutter before the first casting. After every use of form-work, the shutter should be re-coated lightly with Vetorel XT420.

Do not over-apply Vetorel XT420 on the form-work. Excessive material should be allowed to drain before using the form-work.

Apply the product with a brush or preferably with a sprayer. It is advisable to apply Vetorel XT420 at least two hours before using the shutter for best results.

Consult Saveto technical department for any additional information.

Cleaning

Clean tools with water promptly before material hardens. Remove hardened material mechanically.

Packaging & Coverage

| Product | Pack Size | Theoretical Coverage |
|---------------|-----------------|-------------------------------|
| Vetorel XT420 | 20 & 210 Liters | 7 - 20 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 Vetorel XT420 has a shelf life of 12 months, provided it is stored clear of ground in a dry, shaded place below 35°C.

Limitations

- Do not mix the product with water as it will lose its properties.
- Do not mix with other materials.
- Do not apply the product at a temperature less than +5°C.
- Vetorel XT420 should be checked for its suitability when concrete is steam cured. Also, carry out the prior tests for its suitability when gypsum or colored mixes are being used.
- For further information contact our technical department.

Health & Safety

Vetorel XT420 is harmful; therefore, avoid direct contact with eyes or skin. It is recommended to use protective gloves and goggles during application. In case of contact with eyes, clean immediately with plenty of clean cold water and seek medical advice if irritation persists.

Vetorel XT420 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.

Legal Disclaimer

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