# Xytu® BT101
# Water Repellent

## Product Description

Xytu® BT101 is an emulsion of silanes and modified polysiloxanes. It can be used to formulate water-based water-repellent impregnating agents or as a primer for mineral substrates.

## Technical Data

| Property | Value |
|---|---|
| Appearance | Milky white or white liquid |
| Active content | Approx. 50% |
| Specific gravity at 20 °C | Approx. 0.95 g/cm³ |

## Features

- High water repellency
- Does not affect water vapor permeability
- High early water resistance
- Pronounced water beading
- Excellent penetration
- Low tendency to pick up dirt
- Prevents efflorescence of soluble salts
- Solvent-free

## Applications

Xytu® BT101 is suitable for impregnating a variety of mineral substrates, including brick, clinker, chalk sandstone, natural stone and mineral plaster.

Depending on the substrate's absorbency, dilute Xytu® BT101 with water at a ratio of 1:4 to 1:9. Apply the dilution evenly and liberally to the absorbent surface by brush, roller or immersion. Two wet-on-wet coats may be applied to avoid missed areas.

For water-repellent primers, using Xytu® BT101 in combination with a hydrosol is recommended.

For large-scale waterproofing and efflorescence control in cement applications, the recommended additional dosage of Xytu® BT101 is 0.1%-1.0%.

## Packaging

Available in 60 kg and 120 kg plastic drums. Packaging can be customized to customer requirements.

## Transport, Storage and Use Precautions

This product is sensitive to frost and heat. Store indoors in a cool, ventilated and dry place, protected from sunlight and rain. Do not store below 0 °C or above 40 °C, as this may cause irreparable damage.

If frost or heat damage is suspected, check the product for suitability before processing. Changes may occur during prolonged storage, such as creaming, sedimentation or separation. Stir thoroughly before use to ensure a uniform mixture.

## Shelf Life

The shelf life of Xytu® BT101 is one year when properly stored and unopened. After the shelf life has expired, the product may still be used if testing confirms that it meets these technical specifications.