Xytu® BT404
Water Repellent

Product Description

Xytu® BT404 is a water-based, solvent-free emulsion of silanes and siloxanes based on alkyl polysiloxane oligomers. It can be diluted with water.

Technical Data

Property	Value
Appearance	Milky white liquid
Active content	Approx. 50%
pH	6.0-8.0
Specific gravity at 20 °C	Approx. 1.0 g/cm³

Features

- Excellent penetration
- Rapid development of water repellency
- High durability and pronounced water beading
- Water-based and environmentally friendly
- Excellent storage stability after dilution

Applications and Directions for Use

Xytu® BT404 must be diluted with water before use. It may be diluted 5-15-fold and used directly after stirring until uniform.

Diluted Xytu® BT404 is an excellent water repellent for many absorbent inorganic mineral substrates, including brick, sand-lime brick, natural sandstone and inorganic slurries. It is unsuitable for substrates with low absorbency, including dense natural stone such as tuff and marble, and high-strength reinforced concrete used in roads and bridges.

Because it remains stable in storage after dilution, Xytu® BT404 is also suitable for factory impregnation of building materials such as lightweight ceramic aggregate, aerated concrete, sand-lime brick, fiber cement products, mineral fiber products and lightweight aggregates.

Shelf Life/Packaging

When properly stored and unopened, Xytu® BT404 has a shelf life of one year. After the shelf life has expired, the product may still be used if testing confirms that it meets the technical specifications in this document.

Available in 200 kg packages.