akurit ZIP

Impregnating emulsion

silan-siloxan-based façade hydrophobicising

- solvent-free
- ready-to-use
- colour: colourless

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Applications

- for hydrophobicising of absorptive, mineral substrates
- for use as protection against saturation of clinker and brick visible masonry, mineral exterior plaster, concrete, aerated concrete etc.
- for prevention of algae and moss growth, efflorescences due to water transport and frost cracking
- suitable only for vertical and pitched surfaces
- not suitable for waterproofing in the case of pressing water
- for external use

Properties

- vapour-permeable
- alkali resistant
- driving rain-proof
- permanently water-repellent
- low odour
- good penetration

Composition

- Siloxane
- Silane
- water
- additives

Substrate

General

- Clinker and exposed brick masonry
- Mineral exterior plasters
- Concrete, lightweight concrete, aerated concrete

Condition / Testing

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.

Pretreatment

- Fill damaged joints, flaws and cracks over 0.5 mm before impregnation.
- Heavy contamination from industrial and soot deposits, cement residue, dust, loose particles etc. must be removed.

Processing

Temperature
- Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.

Applying / Processing / Assembling
- Application can be with a pressure spray (high pressure spray) or with a ceiling brush.
- The application quantity is dimensioned to allow a drainage curtain of 20 – 30 cm.
- To achieve a particularly high penetration depth, apply the product twice (wet-in-wet).
- Avoid spray mist.

Drying / Hardening
- The full effect of the impregnation is achieved after approx. 4 weeks.

Tool cleaning
- Clean all tools and equipment with water immediately after use.

Notes
- Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.
- To guarantee permanent hydrophobicising, the façade should be re-impregnated after approx. 10 years (depends on respective building material).
- The service life of the impregnation is dependent on the application quantity, pore volume, penetration depth and local weather conditions.

Packaging

- 5 l/canister

Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

Quantity required / Yield

- consumption: approx. 0.3 - 0.6 kg/m² depending on absorbency of the substrate

Safety and disposal instructions

Safety
- Follow further instructions in the safety data sheet.

Disposel
- Dispose of the material in accordance with the official regulations.
- Material residues can be disposed of according to waste directory regulations under the Waste code 08 04 16 (aqueous liquid waste, which contains adhesives and sealants, with the exception of those which fall under 08 04 15 fallen).

General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.

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