

TECHNICAL SHEET 10.04.09-EN



JUB Aqua stop

Colourless hydrophobic agent

1. Description, Application

JUB Aqua stop is a colorless impregnation agent made on the basis of oligomeric siloxanes and silanes in water that provides basic or additional water-repellent protection of facade surfaces such as mineral and synthetic (acrylic) plasters and paints, concrete, aerated concrete, calcium-silicate brick, clay brick and natural stone.

The material is characterized by good penetration into the substrate, does not change the appearance (gloss, color) and does not affect the water vapor permeability of the substrate. Thanks to reduced water absorption by the substrate, JUB Aqua stop effectively protects against the development of algae and mold and increases resistance to freezing and "salting".

2. Colour Shades

colorless

3. Technical data

Packaging	1 l, 5 l	
Density	~0.99 kg/dm ³	
Content of vaporous substance (VOC)	1 g/l	
The EU VOC requirement - category	A/a<30	
Drying time	Suitable for further treatment	~6h
T = +20 °C, relative air humidity = 65 %		
Consumption	100-800 ml/m ²	
Recommended number of layers	2-3	
Characteristics of a dry paint film	Water absorbtion w24 (EN 1062-3)	<0.1 kg/m ² h0,5

.....	Water absorbtion class (EN 1015-18)	W3 - class 3 (Low)
	Appearance	does not change the appearance of the substrate

4. Installation Conditions

The temperature of the air and the wall base should be from +5 °C to +30 °C, and the relative air humidity should not be higher than 80%.

Protect façade surfaces against the sun, wind and rainfall with curtains; however, do not conduct any work in rain, fog or strong wind (≥30 km/h) despite such protection.

5. Surface Preparation

Surface should be solid, dry, and clean, with no badly adhered particles, dust, oil stains, or other filth.

Drying time of new concrete surfaces in normal conditions (T = +20 °C, relative air humidity = 65 %) is at least 2 months, of new cement or lime-cement mortars at least 7 to 10 days for each cm of thickness. First of all, for very dirty surfaces, for all new concrete surfaces, and surfaces infected with wall algae and molds, we recommend washing with a stream of hot water or steam - must be disinfected after washing.

6. Preparation of coating

Mix the coating well before use. Do not dilute with water because the hydrophobic effect is reduced.

7. Coating Application

JUB Aqua stop apply in two to three layers ("wet on wet" technique) on the substrate until saturated by spraying, pouring or with a painter's brush.

For spraying you can use classic high-pressure and modern low-pressure guns of various types (with "external" or "internal" air mixing) as well as with "airless" aggregates from various manufacturers, in terms of choosing the appropriate nozzles and working pressure, we follow the manufacturer's instructions.

The resistance of freshly impregnated surfaces to damage by precipitation (washing away) in normal conditions (T = +20 °C, relative air humidity = 65 %) is achieved after 6 hours at the latest.

Approximate, i.e. average consumption for a two-layer application (depending on the absorbency of the substrate):

Mineral plasters	200 - 500 ml/m ²
Calcium-silicate brick	200 – 500 ml/m ²
Concrete	400 – 600 ml/m ²
Porous concrete	500 – 800 ml/m ²
Natural stone	100 – 200 ml/m ²
Clay brick	500 - 800 ml/m ²

8. Maintenance and Restoration of Painted Surfaces

Treated surfaces do not require special maintenance.

Restoration of treated surfaces includes reapplying JUB Aqua stop after washing and disinfection.

9. Storage, Transportation Conditions and Durability

Storage and transportation at temperature +5°C to + 25°C, protected from the direct sunlight, out of reach of children, MUST NOT FREEZE! Durability when stored in originally sealed and undamaged packaging: at least 12 months.

10. Other Information

Technical instructions are given based on our experiences and are given as a guideline for achieving optimal results. We cannot take any responsibility for the damage, caused by incorrect selection of a product, incorrect use or unprofessional work. JUB also bears no responsibility in cases where the substrate for the application of our products is prepared inadequately or with materials of inadequate quality from other manufacturers. In the case of applying our products to existing substrates of old coatings or pre-prepared substrates with materials from other manufacturers, it is obligatory to make appropriate test fields with all the intended applications of JUB products, in

accordance with the technical instructions, before starting the work.
Safety measures: Follow the instructions on the safety data sheet of the product.

This technical sheet supplements and replaces all preceding editions. We reserve the right to change and supplement data in the future.

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