

## TECHNICAL SHEET 15.02.01-EN



# JUBOSAN W110

## Renovation precoat

### 1. Description, Application

JUBOSAN W110 is a dry mortar compound based on hydraulic binders. It is used as a precoat on moist walls where the removed damaged and salt-filled plasters/render are replaced by more suitable renovation renders. It functions as an adhesive bond between a wall surface and the JUBOSAN W120 renovation render applied onto it. It adheres to the surface well and reinforces it. It meets the WTA (Wissenschaftlich-Technische Arbeitsgemeinschaft für Bauwerkserhaltung und Denkmalpflege e.V.) requirements as far as all its characteristics are concerned.

### 2. Technical data

Packaging		20 kg
Hardened compound density		~2 kg/dm <sup>3</sup>
Water dilution mass		~20 %
Average consumption		~9.5 kg/m <sup>2</sup>
Drying time T=+20°C, relative air humidity=65%	Touch dry	~6 h
	To achieve resistance against leaching with rainwater	~24 h
Vapor permeability EN ISO 7783-2	Coefficient $\mu$	<15
	value Sd (d = 30 mm)	<0.45 m
Capillary water absorption number (EN 1062-3)		>7.7 kg/m <sup>2</sup>
Capillary water absorption class (EN 1015-18)		-
Compressive strength (EN 1015-11)		>20.9 MPa
Compressive strength class (EN 1015-11)		CS IV

Adhesion to concrete (EN 1015-12)	1,5 MPa
Water penetration depth (WTA 6.3.7) after 1 hour	>5 mm
Water penetration depth (WTA 6.3.7) after 24 hours	20 mm
Reaction to fire	A1

### 3. Installation Conditions

The temperature of the air and the wall surface should be between +5°C and +30°C and the relative air humidity should not exceed 80 %. Protect façade surfaces from sun, wind and rainfall using protective scaffold nettings; however, do not conduct any work in rain, fog or strong wind ( $\geq 30$  km/h) despite such protection.

### 4. Surface Preparation

The surface includes brick, stone and mixed walls from which you have entirely removed all old and disintegrating plasters/renders filled with salt approximately 80 to 100 cm above the visual line of salt accumulation or approximately 80 to 100 cm from the line of wet stains. Also clean joints between bricks or stone blocks approximately 1 to 2 cm deep. If possible, wash the wall surface with a jet of water after you have removed the plasters/renders and cleaned the joints. Wet the surface thoroughly one day prior to the application of the precoat. Remove the decaying bricks and other wall elements, and fill the holes and larger uneven areas using JUBOSAN W120 as masonry mortar.

### 5. Preparation of Mortar Compound for Application

The precoat of appropriate consistency is prepared in a concrete mixer, by pouring 1 bag (20 kilos) of a dry render compound into 3.9 litres of water and mixing until the compound becomes homogenous.

In normal conditions ( $T = +20$  °C, relative air humidity = 65 %), the prepared render compound can be used for approximately 1.5 hour.

### 6. Application of Mortar Compound

Apply JUBOSAN W110 with a plastering trowel or a laddle. Cover at least 75 % of the wall surface in a "net-like" manner, and where the surface is weak, cover it entirely. Especially in dry and windy conditions, moisten the surface for at least one day. Apply JUBOSAN W120 onto it after two days in normal conditions ( $T = +20$  °C, rel. humidity = 65 %). In less favourable conditions (poorly ventilated basements, etc.), speed up the drying process by heating the rooms and forced ventilation or dehydrators.

In normal conditions ( $T = +20$  °C, relative air humidity = 65 %), resistance of freshly processed surfaces to damage caused by drainage water (washing away of the application) is achieved within 24 hours at the latest.

Clean the tools with water immediately after use.

Unused dry mortar mix should be stored in a tightly sealed package for potential repairs.

### 7. Storage, Transportation Conditions and Durability

Protect the product against moistening during transport. Store in dry and airy places!  
 Shelf life when stored in an originally sealed and undamaged packaging: at least 6 months.

### 8. 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. JUB reserves the right to change and supplement data in the future.

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