

LEVELPOX W

SELF-LEVELLING WATER-BASED EPOXY

Description

LEVELPOX W is formulated with water-based epoxy resins and special hardeners in an aqueous medium. Due to its high fluidity, it can be easily applied by pouring and leveling with a rake or trowel, and in specific cases, with a roller to obtain low thicknesses (250-500 microns). It offers high chemical and abrasion resistance. LEVELPOX W hardens in humid conditions and has excellent permeability properties.

Fields of Application

Large areas such as industrial buildings, laboratories, warehouses, etc., which have been adequately treated and where a pavement with a certain degree of breathability is sought. Due to its resistance to chemical agents and mechanical wear, it is suitable for use in pedestrian areas or with vehicular traffic, especially on industrial floors.

Technical Data

Potlife	30 minutes
Compressive strength	$\geq 35 \text{ N/mm}^2$
Hardness	>80 Shore D
Abrasion resistance	< 100 mg (TABER CS-17-1000 giros-1000g de peso)
Solid content	88% by weight
Pedestrian traffic	24 hours
Light traffic	48 hours

Application

PRIMER SEALING

After shot blasting or milling the surface, a coat of PREPOX W will be applied with an approximate consumption of 200 grams per square metre. It is crucial that the primer is completely dry to the touch before applying LEVELPOX W. Its prior application is essential.

PRODUCT MIXING

First, completely homogenise COMP.A in its container using a low-speed electric mixer (between 300 and 400 rpm). Then, add COMP.B and continue mixing for an additional 2-3 minutes until a completely homogeneous mixture is achieved.

Then, let the mixture rest for a few minutes to allow it to expel excess occluded air.

APPLICATION

To apply LEVELPOX W self-levelling mortar, spread the mixture with a trowel or a metal-toothed rake (with 5 mm teeth). Then, pass a nylon spiked roller to remove any occluded air. This will ensure that the applied layer is evenly leveled and well distributed.

Recommendations

It must be applied exclusively on surfaces free of moisture. The moisture content in the concrete must not exceed 5%, measured at a depth of 2 cm.

The minimum temperature of the substrate must be at least +8 °C and always 3° C above the "dew point". The relative humidity of the air must not exceed 80%.

Store

LEVELPOX W is supplied in sealed, approved containers in accordance with EU guidelines for packaging and storage of chemical products. Avoid frost and temperatures above 35° C. The product can be stored for one year in original, closed containers and covered places.

Precautions

In case of contact with eyes, rinse with plenty of clean water and consult a doctor. Hands and skin should be washed with warm water and soap. Avoid release into the environment.

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