



# PRIMER EP-W

## Epoxy primer, water-based

### DESCRIPTION

Primer EP-W is a transparent, rigid, deep penetrating, two-component epoxy primer. Water based.

Cures by reaction (cross linking) of the two components.

### FEATURES

- ❖ It can be diluted with water.
- ❖ Breathable system. It can be applied in cases that exist rising damp from the ground.
- ❖ Easy to apply (roller or brush).
- ❖ Excellent adhesion.

### APPLICATIONS

Primer EP-W is mainly used as a primer for Lastoflex ST and Lastoflex Pu on absorbent and non-absorbent surfaces.

It is suitable as a primer on wet concrete surfaces.

### CONSUMPTION

Non absorbent surfaces: 100 gr/m<sup>2</sup>

Absorbent surfaces: 200 gr/m<sup>2</sup>

The application is made in 1 or 2 layers

## PROPERTIES

Mixing ratio	A : B = 4 : 1 by weight
Adhesion to moist concrete	>1,5 N/mm <sup>2</sup>
Hardness (Shore A Scale)	>95
Application Temperature	5 <sup>0</sup> C to 35 <sup>0</sup> C
Pot-Life	60 min
Tack Free Time	12-16 hours
Final Curing time	7 days

## APPLICATION INSTRUCTIONS

Careful surface preparation is essential for optimum finish and durability. The surface needs to be clean and sound, free of any contamination, which may harmfully affect the adhesion of the primer. Old coatings, dirt, fats, oils, organic substances and dust need to be removed by a grinding machine. Possible surface irregularities need to be smoothed. Any loose surface pieces and grinding dust need to be thoroughly removed. Primer EP-W Component A and Component B should be mixed by low speed mechanical stirrer, according to the stipulated mixing ratio, for about 3-5 min. ATTENTION: The mixing of the components has to be effected very thoroughly, especially on the walls and bottom of the pail until the mixture becomes fully homogeneous.

Dilute mixture with 20-30% of clean water, to regulate viscosity. For best results, the temperature during application and cure should be between 5<sup>0</sup>C and 35<sup>0</sup>C. Low temperatures retard cure while high temperature speed up curing. High humidity may affect the final finish. Apply the Primer EP-W (diluted) by roller or brush, until the surface is covered. After approx. 8-12 hours (not later than 24 hours) and while the primer is still a bit tacky, apply the coating.

**RECOMMENDATION:** If the surface is very brittle, like lightweight concrete or cement screed, apply two layers of the Primer EP-W primer.

## PACKAGING

16+4 kg and 3,2+0,8 kg pails

## SHELF LIFE

In dry and cool rooms for up to 9 months



## **SAFETY**

The product contains amines. Please see the safety data sheet.

### **WARNING TO USERS**

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