

# SUFFIX PRIMER EP

Epoxy Based, Solvent Free Primer

## PRIMERS

### Description of Product

SUFFIX PRIMER EP is a solvent-free, epoxy-based primer suitable for general use. It is used in the preparation and priming of surfaces on which epoxy, polyurethane and polyurea-based coatings will be applied. It is easy to apply. It penetrates the surfaces and closes the gaps and pores. Can be used indoors and outdoors. After curing, it becomes very resistant to abrasion and breakage. It is waterproof.

### Areas of Use

It is used in repairs by making epoxy mortar with the addition of silica sand, in the priming of the surface before the application of floor covering systems, as a primer under epoxy, polyurea and polyurethane surface coatings, as an under-coating dust removal material in warehouses and factories, in the coating of cement-based surfaces (ramps, warehouses), to remove existing elevation differences, broken particles and surface defects on the ground before application.

### Advantages

It has very good penetration. It has high adhesion strength. It does not contain solvents. It is easy to apply. It is a multi-purpose primer.

### Application Information - Surface Preparation

The surface should be cleaned using high pressure water if possible; It must be completely free of oil, grease, fuel and paraffin waste, as well as mold release agents, cement plus residue, chips, loose particles and cured coatings. The surfaces to be applied must be dry and clean. If necessary, milling and shaving operations (sand blasting, ball blasting, milling, rubbing) should be performed on the ground. The product should not be used on unstable layers or on floors without surface preparation as described above.

Concrete surfaces in contact with the soil to be coated must be insulated against water and water vapor in advance.

- The relative humidity of the air should be maximum 80% and the application temperature (environment and surface) should be between +10°C and +35°C.

- It should not be rainy in open areas 48 hours before, during and 48 hours after application.

### Preparation of the Mixture

It is a two-component product and should be prepared in the specified mixing ratio for the amount to be consumed, taking into account the pot life. In order to obtain a homogeneous mixture, care must be taken that the product temperature is not less than 15°C. Component A should be mixed quickly with a mechanical mixer, and the hardener (component B) should be added, paying attention to the mixing ratio. Components A and B should be mixed with a mechanical mixer for at least 3 minutes until they become homogeneous.

### Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	Component A: Transparent, Liquid Component B: Brown, Liquid	-
Density (gr/cm <sup>3</sup> )	A + B Mixture: 1,07 ± 0,05	EN ISO 2555
Solid Material (%)	100	EN ISO 2811 - 1

### Mechanical Properties

Quality (23°C, 50% RH, 7 Days)	Value	Standard & Method
Compressive Strength (N/mm <sup>2</sup> )	> 70	EN 196
Adhesion Strength (N/mm <sup>2</sup> )	> 3	EN 1542 ASTM D 4541
Flexural Strength (N/mm <sup>2</sup> )	20	EN 196
Surface Hardness (Shore A)	> 70	EN ISO 868 ASTM D 2240

### Application Information

Quality (23°C, 50% RH)	Value	Standard & Method
Mixing Ratio	100:50	-
Pot Life (minutes)	25 ± 5	100 g (A+B)
Touch Dry (hours)	4 - 6	-50% RH at 23°C
Waiting Time Between Layers (hours)	4 - 12	
Full Curing (days)	7	

### Application

The mixture, which is ready for application, is applied with a roller to saturate the surface and close the pores. The application time for new coat on top is at least 4 hours (23°C) and at most 12 hours. The primer surface must be sanded before applying new coats for more than 12 hours. It is very important to apply the second coat within the new coat application period specified above. It reaches full mechanical and chemical strength in approximately 7 days. A maximum of 5 kg of mixed product should be prepared.

### Cleaning After Application

The equipment used during application should be cleaned with a suitable solvent immediately after application.

### Storing and Shelf Life

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. Suitable storage temperature should be between +15°C and +25°C. Shelf life is 12 months from the production date under appropriate storage conditions.

### Packing

A set of 15 kg SUFFIX PRIMER EP;  
Component A: 10 kg metal bucket packaging  
Component B: 5 kg metal bucket packaging

### Consumption

Primer usage and consumption may vary depending on 0.30-0.50 kg/m<sup>2</sup> system solutions.

### Safety Precautions

During application, work clothes, protective gloves, glasses and masks that comply with occupational and worker health rules should be used. Due to the irritating effects of the uncured product, the components should not be contacted with the skin or eyes. In case of contact, it should be washed with plenty of water and soap. If swallowed, consult a doctor immediately. For detailed information, please refer to the Safety Data Sheet (MSDS) or contact our technical units. Keep out of reach of children.

None of our instructions and technical specifications written herein are binding in general and EXCLUSIVELY in accordance with the protective rights of third parties and do not exempt you from the obligation to carry out the necessary examination to determine the suitability of our products. Our company is not responsible for any damages that may occur as a result of natural damage or due to use and/or product reliability or information and instructions, for whatever reason and to whatever extent.

