

SUFFIX PRIMER EP FILLER

Epoxy Based, Two Component, Filled Primer

PRIMERS

Description of Product

SUFFIX PRIMER EP FILLER is a two-component, epoxy-based, filled primer material. It is easy to apply and penetrates into surfaces. Since it is filled, it fills the eyelets, micro cracks and pores on the surfaces to be applied. Can be used indoors and outdoors. After curing, it forms a waterproof, abrasion and break resistant film.

Areas of Use

It is used as a primer layer in epoxy floor coating applications, as a primer layer before the application of polyurethane and polyurea insulation materials, and to fill the eyelets and pores on the surfaces to be applied.

Advantages

It has good penetration properties and is easy to apply.

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 at most 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.

Application

The mixture prepared for application can be prepared using a roller, trowel, etc. It is applied with apparatus to saturate the surface and close the pores.

Depending on the profile of the surface, leveling differences, pore structure and wastage, additional material consumption is 0.50-0.80 kg/m². The time for applying a new coat above the first floor is at least 4 hours (20°C) and at most 24 hours. The primer surface must be sanded before applying new coats for more than 24 hours. It is very important to apply the second coat within the new coat application time specified above. It reaches full mechanical and chemical strength in approximately 7 days.

Cleaning After Application

All equipment used in the application should be cleaned with a suitable solvent immediately after the application.

Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	Component A: Filled Colorless, Liquid Component B: Brown, Liquid	
Viscosity (Brookfield, mPas)	Component A: 7.000 ± 50 Component B: 1.000 ± 50 A + B Mixture: 1.500 ± 50	EN ISO 2555
Density (gr/cm ³)	A + B Mixture: 1,40 ± 0,05	EN ISO 2811 - 1
Solid Content (%)	Component A: 100 Component B: 100	EN ISO 3251

Mechanical Properties

Quality (23°C, 50% RH, 7 Days)	Value	Standard & Method
Compressive Strength (N/mm ²)	45	EN 196
Adhesion Strength (N/mm ²)	> 3,5	EN 1542 ASTM D 4541
Flexural Strength (N/mm ²)	10	EN 196
Surface Hardness (Shore A)	> 65	EN ISO 868 ASTM D 2240

Application Information

Quality (23°C, 50% RH)	Value	Standard & Method
Mixing Ratio	100:25	-
Pot Life (minutes)	30	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	

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 date of production under appropriate storage conditions.

Packing

A set of 20 kg SUFFIX PRIMER EP FILLER;
Component A: 16 kg tin bucket
Component B: 4 kg tin bucket

Consumption

Primer usage and consumption may vary depending on 0.50-0.80 kg/m² 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 unpacked 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, ask your dealer for the Safety Data Sheet (MSDS). 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.

