

SUFFIX PRIMER PUA

Polyurethane Based, Two Component, Surface Tolerant Primer

PRIMERS

Description of Product

SUFFIX PRIMER PUA is a polyurethane-based, two-component, solvent-free primer material developed for use in the preparation of the surface to be waterproofed. It is specially designed for damp concrete surfaces. It cures in a short time.

Areas of Use

It is used on marble, plastered and plaster surfaces, wooden surfaces, application environments with insufficient ventilation conditions, bitumen and asphalt based membranes, and all concrete surfaces.

Advantages

Suitable for indoor applications. It cures at low temperatures and with humidity below 8%, even on concrete. It has high hydrophobic properties. It functions effectively as a water sealing material when treated with mineral fillers. It can be used as filler and geotextile adhesive.

Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	Component A: Liquid, Amber Component B: Light Brown	-
Viscosity	Component A: 1200 ± 50 Component B: 550 ± 50	EN ISO 2555
Density (gr/cm ³)	A + B Mixture: 1,07 ± 0,05	EN ISO 2811 - 1
Solid Matter (%)	100	EN ISO 3251

Mechanical Properties

Quality (23°C, 50% RH, 7 Days)	Value	Standard & Method
Adhesion Strength (N/mm ²)	> 1,5	EN 1542 ASTM D 4541
Surface Hardness (Shore D)	40 - 50	EN ISO 868 ASTM D 2240

Application Information

Quality (23°C, 50% RH)	Value	Standard & Method
Mixing Ratio	100:66,7	-
Touch Dry (hours)	3 - 6	-50% RH at 23°C
Waiting Time Between Layers (hours)	12 - 24	
Full Curing (days)	7	

Application Information - Surface Preparation

The surface should be cleaned using high pressure water if possible; Oil, grease, fuel and paraffin waste must be removed, and it must also be completely free of mold release agents, cement residues, chips, loose particles and cured coatings. Damaged, unstable surfaces and cracks and surface irregularities should be filled with SUFFIX PRIMER PUA treated with the addition of sand. 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.

New concrete surfaces must be dried for a minimum of 28 days. The humidity rate of the application surface should not exceed 4%. The relative humidity of the air should be maximum 80% and the application temperature (environment and surface) should be between +10°C and +30°C. It should not be rainy in open areas 48 hours before, during and 48 hours after application.

Preparation of the Mixture - Surface Preparation:

The material is ready to use, not diluted. It is applied by roller, brush or low-pressure airless spraying to saturate the surface and close the pores. For wide application areas, application with airless spray is recommended.

6 hours after the application, polyurethane, polyurea-based coating materials or polyurethane joint filler are applied.

Two components! It is a product and should be prepared in the specified mixing ratio for the amount to be consumed, taking into account its pot life. In order to obtain a homogeneous mixture, care must be taken that the product temperature is not less than 15°C. Mix with a mixer at low speed (300 rpm) for at least 3 minutes until components A and B are homogeneous. Care should be taken to consume the prepared mixture within its pot life. In hot environments, pour the product into a shallow, wide container to extend its pot life.

Application

The mixture, which is ready for application, is applied with a brush or roller, with a total consumption of 0.25 - 0.40 kg/m², depending on the porosity of the surface. During application, care should be taken to saturate the surface and close the pores.

Cleaning After Application

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

Storing and Shelf Life

If stored correctly in its original, unopened and undamaged packaging, under dry conditions between +10°C and +30°C, Component A can be stored for 9 months and Component B can be stored for 9 months from their production date.

Packing

A 20kg set of SUFFIX PRIMER PUA;
Component A: 12 kg metal bucket packaging
Component B: 8 kg metal bucket packaging

Consumption

Total consumption is 0.25-0.40 kg/m². (Consumption may vary depending on its use in the system.)

Safety Precautions

Although it does not contain solvents, it is recommended to take standard safety precautions. Work should be done in well-ventilated, non-smoking environments and away from naked flames. A fan should be used in closed areas and a carbon filter mask should be worn. Material Safety Data Sheet (MSDS) is available upon request. Keep out of reach of children.

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