

SUFFIX PRIMER PUR 1K

Polyurethane Based Single Component Primer

PRIMERS

Description of Product

SUFFIX PRIMER PUR 1K is a single component, low viscosity polyurethane primer. It is used in the preparation of surfaces on which polyurethane coatings will be applied. Designed to increase the adhesion of polyurethane coatings to substrates.

Areas of Use

Concrete surfaces, Plastered and plaster surfaces, Wooden surfaces, Bitumen based surfaces.

Advantages

It covers the surface holistically/seamlessly and homogeneously and impregnates on absorbent surfaces. It offers a low-cost solution for concrete sealing and protection.

Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	Liquid, Amber	-
Viscosity	160 ± 50	EN ISO 2555
Density (gr/cm ³)	1,00 ± 0,05	EN ISO 2811 - 1
Solids by Weight (% Wt)	65 ± 1	EN ISO 3251
Solids by Volume (% V)	66 ± 1	

Application Information

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

Mechanical Properties

Quality (23°C, 50% RH, 7 Days)	Değer	Standart & Yöntem
Adhesion Strength (N/mm ²)	> 3	EN 1542 ASTM D 4541
Flexural Strength (N/mm ²)	30	EN 196

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 PUR HR 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.

Application

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. 3 - 6 hours after the application, polyurethane, polyuria-based coating materials or polyurethane joint filler are applied.

Cleaning After Application

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

Storing and Shelf Life

It can be stored in its unopened original containers, in dry environments between 10°C and 25°C, for 9 months from the date of production. Material in opened buckets should be used immediately.

Packing

In 20 kg tin buckets.

Consumption

0.08-0.10 kg/m² (May vary depending on surface absorbency and roughness.)

Safety Precautions

SUFFIX PRIMER PUR IK contains isocyanate. Contains volatile and flammable solvents. You should not smoke during application and work in well-ventilated environments, away from naked flames. It should not be forgotten that solvents are heavier than air and therefore will circulate on the ground. 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.



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