

SUFFIX PU PROTECTOR VARNISH

INDUSTRIAL

Description of Product

SUFFIX PU PROTECTOR VARNISH is an aliphatic, 2-component polyurethane protective varnish.

Areas of Use

As a protective topcoat in the final protective coatings of building materials such as stone, marble and wood, and in epoxy and polyurethane floor coating systems.

Advantages

It is suitable for use indoors and outdoors. Since it has an aliphatic structure, it has high UV resistance. It is easy to apply. It sets quickly. It is easy to apply. It prevents dust formation.

Physical Properties

Quality	Method	Properties	
		A Component	B Component
Appearance	-	Transparent, Liquid	Transparent, Liquid
Viscosity (Brookfield, mPas)	TS 5833 EN ISO 3219	150 ± 50	150 - 300
Density (gr/ml, 25°C)	ISO 2811-1	Mixture: 150 ± 25	
Mixing Ratio	-	100	25

* Optimum mechanical properties will be reached after 7 days at 23°C.

Application Information

Quality	Value	Standard
Pot Life (100 g A+B) (minutes)	15 ± 5	-
Drying Time (hours)	2 - 3	-
Waiting Between Layers (hours)	24	-
Full Curing (days)	7	

Mechanical Properties

Quality	Value	Standard
Tensile Strength (MPa)	> 10	ASTM D 638
Tear Strength (MPa)	> 10	ASTM D 638
Hardness (Shore D)	70	ISO 868

Application Information - Surface Preparation

To achieve perfect results, the mixing ratio must be applied correctly. Changing the mixing ratio causes the surface to not dry properly and not reach its final mechanical properties. It is essential to use a scale while preparing the mixture.

The application surface must be solid. Ambient temperature should be 18 - 23 °C and humidity level should be below 50%. There should be no rain in open areas 24 hours before, during and 24 hours after application.

Application

25 g of component B must be mixed into 100 g of component A by weight. When weighing, component A should be weighed first and component B should be added to it. To obtain a homogeneous mixture, the components must be mixed thoroughly at low speed for 3-4 minutes. The system tends to heat up in the container it is mixed in. Only the amount of product to be applied should be mixed.

The mixture ready for application should preferably be applied by airless spraying or roller to obtain the desired dry film thickness. 2-3 coats can be applied depending on pores and substrate usage. Depending on weather conditions, overcoat applications should be applied within 24 hours.

Cleaning After Application

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

Storing and Shelf Life

Our products are kept tightly closed at room temperature, protected from sunlight. It can be stored in its unopened original containers, in dry environments between 5°C and 25°C, for 1 year from the date of production. Material in opened buckets should be used immediately.

Packing

SUFFIX PU PROTECTOR VARNISH 12.5 kg set

A component 10 kg metal bucket packaging

B component 2.5 metal bucket packaging

Consumption

For a single coat of 0.25-0.30 kg/m², 1 or 2 coats can be applied depending on the surface to be applied.

Safety Precautions

SUFFIX PU PROTECTOR VARNISH should not be smoked during its application and should be worked 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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