

SUFFIX WALL PU STONE 2K

Product Description

SUFFIXWALLPU STONE 2 K is a filled polyurethane resin used as an aliphatic, two-component stone binder.

- Suitable for use in indoor and outdoor areas, gardens, staircases, pool areas, and vertical surfaces.
- Also used as a pore sealer on surfaces coated with polyurethane stone binder.
- UV resistant.
- Long service life.
- Our product has undergone a 250-hour salt spray corrosion test. Results are positive.

Physical Properties

Nitelik	Yöntem	Properties	
		Component A	Component B
Appereance	-	Whitish-filled	Whitish-filled
Viscosity (Brookfield, mPas, 25°C)	TS 5833 EN ISO 3219	65000 ± 2000	60000 ± 2000
Density (gr/cm ³ , 25°C)	ASTM D1475/DIN 53217/ISO 2811	Mixture: 61000 ± 2000	
Mixing Ratio	-	100	85
Hardness (Shore D)	-	65 (after 7 days)	
Thermal Resistance (°C)	-	55	

* Optimum mekanik özelliklere 23°C'de 21 gün sonra ulaşılacaktır.

Application Information

Mixing Ratio	By weight (A/B: 100/85)
Application Method	Natural stone, aggregates
Pot Life (100 g A+B) (min)	40 ±5
Curing Time (Hours)	2-4
Consumption (Recommended) (As Vertical Binder)	1 kg of mixture material is recommended for 15 kg of stone/aggregate mixture with a size of 2-4 mm.
Consumption (Recommended) (As Pore Filler)	1 m ² @ 1 kg
Shelf Life	1 year in original sealed container

Application

To achieve excellent results, the mixing ratio must be applied accurately. Any deviation in the ratio may lead to improper surface curing and failure to reach the final mechanical properties. The use of a scale during preparation is essential.

By weight, 85 g of Component B must be mixed with 100 g of Component A. During weighing, Component A should be measured first, and then Component B should be added. To achieve a homogeneous mixture, the components must be thoroughly mixed for 3-4 minutes at low speed. Since the system tends to heat up in the mixing container, only the amount of product needed for the application should be mixed.

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- Ambient temperature should be between 18–23°C, and humidity level must be below 50%.
- The materials must be measured with an infrared thermometer before mixing. The material temperature should be between 20–23°C.
- The materials must be mixed until a homogeneous consistency is achieved.
- After mixing, the material is added to the mass of natural stone or aggregate using a suitable mechanical mixer.

Mix for approximately 2 minutes and immediately apply vertically to the application surface.

Using a flat spreader or trowel, spread the mixture evenly to the desired thickness and gently press to obtain a smooth and even surface. At this stage, polyurethane thinner can be used to aid compaction.

If the product is to be used as a pore sealer:

- Ambient temperature should be between 18–23°C, and humidity level must be below 50%.
- The materials must be measured with an infrared thermometer before mixing. The material temperature should be between 20–23°C.
- A maximum of 5 kg of product mixture should be prepared.
- During pore sealer application, the scraping process should be carried out in a way that does not fully cover the stone surface.

Storage and Shelf Life

Our products should be stored at room temperature, protected from direct sunlight, and kept tightly sealed.

When stored in their original, unopened containers in dry conditions at temperatures between 5°C and 25°C, they have a shelf life of 1 year from the date of manufacture.

Once opened, the contents must be used immediately.

Safety Precautions

During the application of SUFFIX WALL PU STONE 2K, smoking is prohibited and work should be carried out in well-ventilated areas, away from open flames. It should be noted that solvents are heavier than air and may accumulate near the ground. Appropriate personal protective equipment must be worn in accordance with occupational health and safety regulations, including protective clothing, gloves, goggles, and masks. Due to the irritant effects of uncured product, components must not come into contact with skin or eyes. In case of contact, wash thoroughly with plenty of water and soap. If swallowed, seek medical attention immediately. For more detailed information, refer to Material Safety Data Sheet (MSDS) or contact our technical departments. Keep out of reach of children.

None of our written instructions or technical specifications provided herein shall be considered binding in a specific context, nor do they exempt you from the obligation to conduct the necessary examination to determine the suitability of our products, in accordance with general or third-party protective rights. Our company shall not be held liable for any damages arising- regardless of cause or extent – due to natural degradation, usage, product reliability, or non-compliance with the provided information and instructions.