

### Description of Product

SUFFIX EP MR 25 is 2 components in liquid form. Suffix EP MR 25 epoxy system not only increases the brightness but also improves the color of the natural stone.

### Areas of Use

Slab marble, granite, natural stone surfaces

### Advantages

According to marble processing technology, it has a different product range for deck kiln and tunnel kiln systems. It has fast penetration ability and excellent adhesion for plates. It is chemically resistant. It has high UV resistance.

### Physical Properties

Quality	Method	Properties	
		A Component	B Component
Appearance	-	Transparent, Liquid	Transparent, Liquid
Viscosity (Brookfield, mPas)	TS 5833 EN ISO 3219	500	65
Density (gr/ml, 25°C)	ASTM D1475 / DIN 53217 / ISO 2811	Mixture: 200 - 250	
Mixing Ratio	-	100	25
Hardness (Shore D)	ISO 868	80 (after 7 days)	

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

### Application Information

Quality	Value	Standard
Pot Life (100 g A+B) (minutes)	20 ± 5	-
Touch Dry (hours)	10	-
Full Curing (hours)	20 - 24	-

### 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 and free of all kinds of dust and dirt. Ambient temperature should be 18 - 23 °C and humidity level should be below 50%.

### Application

25 g of component B must be mixed into 100 parts by weight of component A. When weighing, component A is weighed first and then Component B must be added. 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 in which it is mixed. Only use the amount to be applied.

Before preparing the mixture, the material temperature must be measured with an infrared thermometer. The material temperature should be 20-23 °C.

After the product is mixed in the specified ratio, it is applied to the plate with an auxiliary material (spatula, squeegee) so that it penetrates completely.

## 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. The resin part (component A) should be at 22°C-25°C, especially during winter months. Keeping the epoxy at lower temperatures causes crystallization and in this case a clear mixture cannot be obtained. If the epoxy temperature is below 10°C, the temperature of the material is carefully increased by 22°C-25°C with a water bath in the container.

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 EP MR 25 20 kg set;

A component 16 kg metal bucket packaging

B component 4kg plastic drum

## Consumption

(A+B) 1m<sup>2</sup> @ 1mm thick is 1.07kg.

## Safety Precautions

During the application of SUFFIX EP MR 25, you should not smoke 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 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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