

SUFFIX FLOOR EP TERRAZO

Solvent-Free, Epoxy Based,
Self-leveling Colored Decorative Coating Material

FLOORING GROUP

Description of Product

SUFFIX FLOOR EP TERRAZO; It is an epoxy resin-based, two-component, solvent-free, low viscosity and self-leveling, high-gloss and abrasion-resistant colored floor covering material that can be used as a multi-layer or thin-layer coating.

Areas of Use

On concrete, cement or epoxy mortars, on all industrial flooring, in areas where visibility is important such as stores, show-rooms, laboratories, in areas with heavy pedestrian traffic such as schools, shopping malls, entertainment centers and hotels, on floors subject to medium and heavy loads, mechanical, chemical and It is used in many places where wear resistance is required.

Advantages

Solvent-free, low viscosity flexible structure, decorative appearance, pressure and high abrasion resistance, easy cleaning and resistance to chemicals.

Physical Properties

Quality (23°C, 50% RH)	Value	Standard & Method
Appearance	A Component: Colored, Liquid B Component: Transparent, Liquid	-
Colour	Ral Colors	-
Density (gr/cm ³)	A Component: 1,7 ± 0,05 B Component: 1,05 ± 0,05	EN ISO 2811 - 1
Solid Matter (% wt)	A+B Component: 100	EN ISO 3251

Mechanical Properties

Quality (23°C, 50% RH, 7 Days)	Value	Standard & Method
Taber Abrasion Resistance (mg) (CS 10/1000/1000)	< 45	ISO 5470-1
Compressive Strength (N/mm ²)	> 50	EN ISO 196
Flexural Strength (N/mm ²)	> 20	EN ISO 196
Adhesion Strength (N/mm ²)	> 3	EN 1542 ASTM D 4541

Technical Properties After Application and Cure

Quality (23°C, 50% RH)	Value	Standard & Method
Mixing Ratio	100:20	-
Pot Life (minutes)	25	100 gr (A+B)
Opening to Light Traffic (days)	1	-50% RH at 23°C
Full Curing (days)	7	

Application Information - Surface Preparation

Oil, wax, grease, water repellents, loose parts that do not adhere and can easily lift off, and dust that will weaken the adhesion forces on the surface should be cleaned and removed with a floor milling machine. New concrete must be at least 28 days old. The surface should be primed before application. The concrete surfaces to be applied must have at least the following standards:

Hardness: R28 = 15 Mpa
Temperature: 10-30 °C
Surface Humidity: <4%

Application Information - Environmental Conditions

- The relative humidity of the air should be at most 50% and the application temperature (environment and surface) should be between +10°C and +30°C.
- It should not be rainy in open areas 24 hours before, during and 24 hours after application.

Preparation of Mixture

Component A and component B come in separate packages with pre-mixed proportions. Component B is completely poured into component A and mixed. Mixing should be done with a mixer at 300 rpm. 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. Component A should be mixed quickly with a mechanical mixer, and the hardener (component B) should be added, paying attention to the mixing ratio. Components A and B should be mixed with a mechanical mixer for at least 3 minutes until they become homogeneous. Care should be taken to consume the prepared mixture within its pot life.

Application

The mixture is ready for application and is applied in both directions with a short pile roller. The applied surfaces must be protected for at least 24 hours. Material. It reaches the mechanical values given in the technical data sheet in approximately in 7 days.

Packing

A set of 24 kg SUFFIX FLOOR EPTERRAZO;
Component A: 20kg metal bucket packaging
Component B: 4kg metal bucket packaging

Consumption

Consumption may vary depending on system solutions.

Storing and Shelf Life

It should be stored in its unopened original packaging, in a cool and dry environment, protected from frost. Suitable storage temperature should be between +15 and +25 °C. Shelf life is 12 months from the date of production under appropriate storage conditions.

Safety Precautions

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.

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.

