

### Product Overview

It is a solvent-free, two-component, pigmented, smooth-finish topcoat flooring material that offers exceptional chemical and mechanical resistance.

### Application Domains

- Cuisine, Research Facilities,
- Automotive Services,
- Parking facilities,
- Chemical and Pharmaceutical Sector,
- Animal Farms,
- Manufacturing Facilities, Administrative Offices,
- Stores,
- Business Hubs,
- Commercial kitchens.

### Technical Specifications

Colour	In a Range of RAL Colors
Mixture Density	1,65 kg/lit
Mixture Viscosity	750 ± 150 mPas
Shore D (7 days)	90 ± 5
Adhesive Strength	> 2 N/mm <sup>2</sup>
Compressive Strength (R+S)	~80 N/mm <sup>2</sup>
Flexural Strength (R+S)	~55 N/mm <sup>2</sup>
Abrasion Resistance (R+S)	58 mg

The information presented in this technical data sheet is derived from the results of conducted tests. The user bears full responsibility for the proper application of our original product. Our company assumes sole responsibility for the product's quality. This data sheet replaces the information found in the prior version. Our company retains the right to amend any information within this data sheet.

### Advantages

- It is a coating that can be applied without the need for grouting, is easy to clean, requires no maintenance, and complies with health standards, offering a diverse array of color options.
- It is simple to apply, can be installed without grouting, and is easy to maintain.
- It exhibits resistance to alkalis, oil, grease, and waste.
- Its adhesion strength is exceptionally high.
- It is a coating that is resistant to mechanical impacts and the wear and tear that may result from friction or chemical effects.
- There is no detriment in utilizing it in areas where hygiene is essential.
- Prevents the formation of dust in reinforced concrete coatings, enhances their durability, and ensures longevity.

### Surface Preparation

Mechanical surface preparation, utilizing methods such as blastrack and rotatiger, is essential. The resultant dust layer must be removed using industrial vacuum cleaners, ensuring that the application surface is sound, dry, and clean. All contaminants, including dust, oil, paraffin, bitumen, and any other particles that may hinder adhesion, must be eliminated, along with any loose materials such as mortar and plaster. The concrete must possess a minimum quality of C20/25 and be at least 28 days old. The tensile strength of the reinforced concrete surface should be 1.5 N/mm<sup>2</sup>, with a moisture content of 4% and a surface temperature of +8 °C. The success of the application is contingent upon meticulous surface preparation and the appropriate use of materials. Abrasion and roughening processes are executed using the method chosen based on the surface condition. The surface is rendered completely dust-free with an industrial vacuum cleaner, preparing it for application. Following surface preparation, all areas are primed with EP-8101 Solvent-Free Epoxy Primer.



### Mixture

In two-component packages, the optimal mixing ratio is balanced (Component A: resin, Component B: hardener). The ready-to-use material is achieved by thoroughly mechanically blending these two components. All of Component B is added to Component A simultaneously, and mixing is continued at a low speed (300-400 rpm) using the appropriate attachment until the mixture attains homogeneity. To ensure uniform distribution of the hardener, the mixer should be positioned near the edges of the container and across the bottom of the package.



### Application Details

EP-8004 is poured onto the surface and applied to the desired thickness using a notched trowel or a specialized roller. After the application of EP-8004, a spiked roller is utilized on the coating to prevent bubble formation and facilitate its release.

- The material must be safeguarded against water, rain, external elements, and mechanical stress until it has cured.
- It is important to consider that the waiting time may be reduced in hot weather and extended in cold weather.



### Consumption

0,300 – 0,400 kg/m<sup>2</sup>  
220 – 250 µm film thickness



### PACKAGING

In 20 kg (A: 16 + B: 4) arranged tin buckets



### Shelf life

It must be safeguarded against unfavorable weather conditions. It should be kept in a dry, cool, and enclosed environment (between +10 °C and +25 °C). The opened and mixed product should be consumed promptly. It has a shelf life of 12 months when stored in its unopened packaging, in dry locations at a minimum temperature of +5 °C.



### Attention

- In applications conducted in enclosed spaces, the environment must be adequately ventilated.
- In cold weather, packages should be stored for a minimum of 24 hours at a temperature no lower than +15°C prior to application.
- Following application, the surface must be safeguarded against water, rain, dew, snow, hail, frost, and similar climatic conditions until it is entirely dry.
- Avoid using open flames and refrain from smoking during application.
- Utilize gloves, goggles, and protective attire.
- In the event of skin contact, cleanse thoroughly with soap and ample water.
- Do not ingest, do not utilize empty containers for food storage, and do not dispose of them in fire.
- For professional use only; keep out of reach of children.

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