

CERMIFLOOR EP 2C

EPOXY-BASED, 2 COMPONENT, SOLVENT-FREE, SELF-LEVELLING, FLOOR COATING MATERIAL



Grey



- *Easy to clean, scratch-proof*
- *Solvent free*
- *Mechanical and abrasion resistance*

- *Chemical resistant*
- *Easy application*
- *High adhesion strength*

PRODUCT INFORMATION

WHERE TO USE

- Storage, maintenance and assembly areas of industrial facilities,
- On floors such as hangar, parking lot, loading ramp etc.
- Pharmaceutical – in food production facilities, laboratories
- Applicable on asphalt surfaces

GENERAL FEATURES

Material structure : Epoxy
Colour : In colors from the Ral catalog
Density : 1.65 g/cm³
Viscosity : 1500 ± 500 mPas (mixture)

TECHNICAL CHARACTERISTICS (*)

Tensile Strength (DIN 16946) : 377,3 kg/cm²
Compressive Strength (3 mm thickness) : 650 kg/cm²
Adherence to Concrete : 43 kg/cm²
Hardness (Shore A, 7 days) : 85
Chemical resistance : deionized
 water 30% sulfuric acid, 30% nitric acid, 5% acetic acid, 20% caustic such as soda, toluene, xylene, Trichloroethylene, sugar solution, styrene resistant to chemicals.

(*) These values were obtained as a result of laboratory experiments. Values due to differences in site environment may change.

STANDARDS AND DOCUMENTS

- Tested according to EN 1504-2 standards.
- CE

CONSUMPTION

- Average: 1.65 kg/m² (on one coat)

PACKAGING

- 20 kg (16 kg + 4 kg) metal bucket

STORAGE

- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.



Interior-
Exterior Floor



Surface
Inspection



Application
Temperature



Two
Components



Pot Life



Application with
Brush-Roller

CERMIFLOOR EP 2C

APPLICATION

APPLICATION PROCEDURE

Mixing ratio: A component 4 : B component 1

Application temperature: +5 °C - +35 °C

Application thickness: 2-3 mm

Waiting between coats: Min.6 - Max. 24 hours

Surface drying: 4-5 hours

Pot life : 1 hours

Through-dry time: 24 hours

SUBSTRATE PREPARATION

- The floor surface to be applied must be clean, free of dirt, must be free from dust.
- Corrupted, cracks and holes on the surface **CERMIMORTAR**, **CERMIREP** repair mortars or **CERMIFLOOR** leveling screeds should be corrected and repaired.
- Pre-application surface **CERMIPRIME EPR 2C**, it should be primed with **CERMIPRIME PU**.

APPLICATION

- CERMIFLOOR EP 2C**, A Component and B Component Packed according to mixing ratios.
- Add Component B of the material slowly into Component A and mix with a low speed mixer until homogeneous and without lumps.
- Let the mixture rest for 5 minutes, then mix again for 1-2 minutes before application.
- The prepared mixture is applied to the surface with a brush or roller. It should be applied in 2 coats. First floor right to left or When applied from top to bottom, the second coat is applied as the first coat. should be applied in the opposite direction. The main purpose is to cover the surface with all material.
- It is easier to remove air bubbles by applying a spiked roller elimination is achieved.
- In case of using sand, 1st layer of undercoat 0.3-0.5 Micron sand is used. If sand is desired to be used on the last layer, 0.1 - 0.3 micron sand should be used. Material sand should be selected in accordance with the color.



RECOMMENDATIONS

- Water etc. and other materials should not be added to the product.
- Collapse or petrification after product packaging is opened, if detected, the product should not be used.
- The working time of the product is in unsuitable weather conditions may change.
- Protect the treated surfaces from direct sunlight, rain and frost for at least 24 hours.

SAFETY INSTRUCTIONS

- It should not be inhaled, and eye contact should be avoided.
- It is recommended to use appropriate work equipment (gloves, goggles, mask, knee pads, etc.) during application of the product.
- For more detailed information please read the Material Safety Data Sheet (MSDS)

Note: Technical values and application instructions are valid under ambient temperature of 23°C with relative humidity 50% and they are the results of our tests and experience in accordance with international standards. Our company is not responsible for any errors that may occur if the instructions and recommendations specified in the technical data sheets are not followed.

CERMIX

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