

# CERMIFLOOR PU 2C

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



Grey



- *Easy to clean, scratch-proof*
- *Crack bridging with its semi-elastic feature*
- *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** : The hardener contains polymeric MDI. The main material is a mixture of polyether and polyester. Contains pigments and fillers.

**Colour** : Grey

**Density** :  $1.38 \pm 0.05 \text{ gr/cm}^3$  (A+B mixture)

### TECHNICAL CHARACTERISTICS

**Tensile Strength (DIN 16946)** :  $>5 \text{ N/mm}^2$

**Hardness (Shore D, 7 days)** :  $35 \pm 5$

(\*) 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: 1.3 - 1.4 kg/m<sup>2</sup> (For 1 mm thickness)

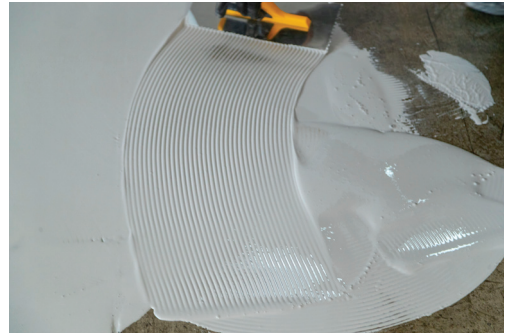
### PACKAGING(\*)

- 20 kg (16kg + 4kg)

(\*) Component quantities may vary according to production conditions.

### 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

## APPLICATION

### APPLICATION PROCEDURE

**Mixing ratio:** A componen 16 kg : B component 4 kg

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

**Application thickness:** 2-3 mm

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

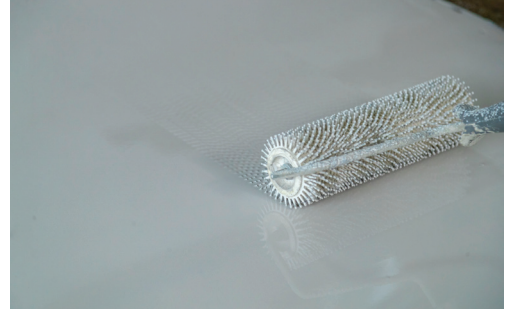
**Pot life:** 40 minutes

### 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 **CERMIFFLOOR** leveling screeds should be corrected and repaired.
- Pre-application surface **CERMIPRIME EPR 2C**, it should be primed with **CERMIPRIME PU**.

### APPLICATION

- CERMIFFLOOR PU 2C**, A Component (Resin) and B Component (Hardener) 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.
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- It is easier to remove air bubbles by applying a spiked roller elimination is achieved.



### 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 INSRUCTIONS

- 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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