

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 : $1,52 \pm 0.1 \text{ gr/cm}^3$ (A+B mixture)

TECHNICAL CHARACTERISTICS

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

Hardness (Shore D, 7 days) : 60-70

(*) 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

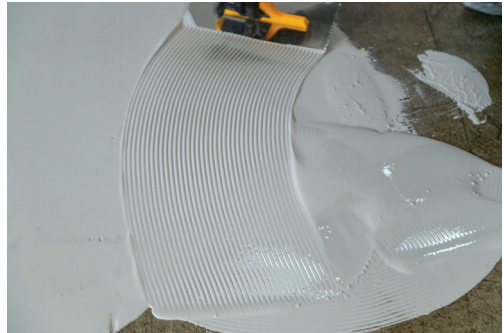
- Average: 1.3 - 1.4 kg/m² (For 1 mm thickness)

PACKAGING

- 24,5 kg (21kg + 3,5 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

APPLICATION

APPLICATION PROCEDURE

Mixing ratio: A component 21 kg : B component 3.5 kg

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

Application thickness: 2-3 mm

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

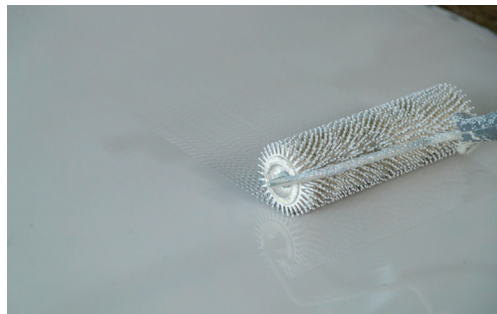
Pot life: 40 minutes

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

APPLICATION

- CERMIFLOOR 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.
- 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.



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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Head Office
Koramic Yapı Kimyasalları San. Tic. A.Ş.
E-5 Karayolu Üzeri, Şifa Mah. Hükümet Cad.
Tuzla 34941 İstanbul / TÜRKİYE
Phone: +90.216.423 34 33 • Fax: +90.216.423 53 63

Bozüyük Factory
Bozüyük Organize San. Böl. 10. Cad.
106 Ada / 5 Parsel No: 3 Bozüyük - BİLEÇİK / TÜRKİYE
Phone: +90.228.314 63 00
Fax: +90.228.314 63 0

Tarsus Factory
Huzurkent Tarsus Organize Sanayi Bölgesi
13. Cadde No: 10 Tarsus - MERSİN / TÜRKİYE
Phone: +90.324.676 40 41-676 42 32-676 44 49
Fax: +90.324.676 40 47