

CERMICOAT PU 2CA

POLYURETHANE-BASED, 2-COMPONENT, SOLVENT-FREE, UV-RESISTANT, TOPCOAT FLOORING MATERIAL



Various Colours from the RAL Catalogue



- *Maintains its flexible structure continuously*
- *UV resistant*
- *Allows surfaces to breathe*

- *Chemical resistant*
- *Non-yellowing*

PRODUCT INFORMATION

WHERE TO USE

- In outdoor applications where UV resistance is required,
- Storage, maintenance and assembly areas of industrial facilities,
- Parking lot, loading ramp etc.
- Showroom, office, hospital etc indoors

GENERAL FEATURES

Colour	: Various Colours from the RAL Catalogue
Density (ASTM D1475/DIN 53217/ISO 2811)	: 1.35±0.05 g/cm ³ (Component A) 1.00±0.05 g/cm ³ (Component B)
Viscosity (BROOKFIELD):	(ASTM D2196-86) 500-2500 cP (Component A) 200-400 cP (Component B)

TECHNICAL PERFORMANCE VALUES(*)

Solid Content by Weight: %70-80 (ASTM D2369)

Hardness (7 days) 65-70 (Shore A)
(ASTM D2240/DIN 53505/ISO R868)

Tensile Strength: > 4 MPa (7 days) (ASTM D412)

Adhesion to Concrete: > 2,5 MPa (7 days) (ASTM D4541)

UV Accelerated Weathering Test: Passed (1000 hours) (ASTM G53)

(*) The presented values are obtained under laboratory conditions. Values may differ in accordance with site conditions.

STANDARDS AND DOCUMENTS

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

CONSUMPTION

- Average: 0.200-0.300 kg/m² (one coat)

PACKAGING (*)

- 14 kg (12 kg + 2 kg)

(*) Component quantities may vary according to production conditions

STORAGE

- Shelf life is 1 year in original, unopened, undamaged packaging. The production date and batch number are indicated on the packaging.
- Store between +15°C and +25°C, protected from moisture and direct sunlight.



Interior-
Exterior Floor



Surface
Inspection



Application
Temperature



Two
Components



Pot Life



Application with
Brush+Roller



UV
Resistance

APPLICATION

APPLICATION PROCEDURE

Mixing ratio: Component A 6 : Component B 1

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

Walkability: 8-12 hours

Mechanical and Chemical resistance: 7 days

New layer addition time: 8-12 hours

SUBSTRATE PREPARATION

- The surface to be treated must be dry, clean, and free of loose material, dust, liquids, and oil residues.
- Any imperfections, cracks, and holes on the surface must be repaired and leveled using **CERMIMORTAR**, **CERMIREP** repair mortars, or **CERMFLOOR** leveling screeds.
- The surface must be primed with **CERMIPRIME PU** or **CERMIPRIME PU PLUS** prior to application.
- When applying **CERMICOAT PU 2CA** as a protective top coat over polyurethane or polyurea-based waterproofing coatings, if more than 24 hours have passed since the application of the undercoat, the surface must be lightly sanded to roughen it before application.

APPLICATION

- **CERMICOAT PU 2CA**, A Component (Resin) and B Component (Hardener) is packaged 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.
- The prepared mixture is spread evenly over primed surfaces using a fine-toothed trowel or short-bristled roller brush, controlling consumption.
- If a second coat is applied, allow time between coats (approximately 8-12 hours). Keep in mind that the waiting time may be shorter in hot weather and longer in cold weather.



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.
- In enclosed areas, the environment must be well ventilated due to the solvent odor.
- Water vapor pressure should not be observed on the negative side. In such a case, insulation must be applied before use.
- In cold weather, packages must be stored at a minimum temperature of +15°C for at least 24 hours before use.

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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