

CERMICOAT PU 2C

POLYURETHANE-BASED, 2 COMPONENT,
SOLVENT-BASED, TOP COAT FLOORING MATERIAL



Many RAL Colors



- *Easy to clean, non-scratch*
- *Elastic*

- *Mechanical and abrasion resistance*
- *Chemical resistant*

PRODUCT INFORMATION

WHERE TO USE

- Storage, maintenance and assembly areas of industrial facilities,
- Parking lot, loading ramp etc.
- Showroom, office, hospital etc indoors

PACKAGING(*)

- 16.8 kg (12 kg + 4.8 kg) metal bucket

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

STORAGE

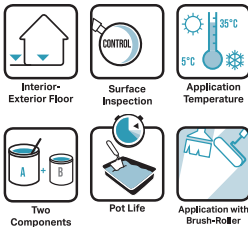
- Moisture-free, dry and protected against external weather conditions should be stocked in warehouses.
- Shelf life is 1 year under appropriate storage conditions.
- Opened packages should be kept tightly closed.

STANDARDS AND DOCUMENTS

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

CONSUMPTION

- Average: 0.100-0.150 kg/m² (on one coat)



TECHNICAL CHARACTERISTICS

Chemical Structure	Polyurethane			
Color	Many RAL Colors			
Mixing Ratio	Base material: Hardener=100:40(by weight)			
Pot-life	8 Hours			
Drying Time	8-10 hours at 60% relative humidity and 23°C temperature			
Fire Resistance Report No: AB-0001-T-80802	It has received positive results from the inspections and tests carried out according to Turkish Standards TS EN ISO 11925-2. The tested samples comply with TS EN 13501, Schedule 2 Efl class criteria.			
	"Matte Base Material"	"Semi Matte Base Material"	"Glossy Base Material"	Hardener
Viscosity (25°C)	33±10 sec	25±5 sec	15±5 sec	1300±200 sec
Density (25°C)	1,20±0,05 gr/cm ³	1,19±0,05 gr/cm ³	1,20±0,05 gr/cm ³	1,18±0,01 gr/cm ³
VOC	450-530 g/L			
Base Material:	400-480 g/L			
Mixture	292-297 g/L			
TOCHardener:				
TOC Mixture:	43-51%			
Between Coats Waiting	Minimum 10 hours at 23°C temperature			
Application time	Maximum 24 hours			
Taber Abrasion	(CS10 disk, 1000 p weight, 500/1000 rpm): 19/39 mg			
Pendulum Hardness	(23°C after 10 days): 105 sec			
Erichsen Value	5,7mm			
Antislip	Dry R13		DIN 51131	
Non-slip Scot:	Dry	Wet R13		ASM 825
Matte:	1,06	1,27		
Semi-matte:	0,85	1,09		
Glossy:	0,88	1,03		
Content	The hardener contains polymeric MDI with low vapor pressure. The base material contains polyester and pigment.			

APPLICATION

SUBSTRATE PREPARATION

- The floor surface to be applied must be clean, free of dirt, must be free from dust.
- The applied **CERMIFLOOR PU 2C** or similar polyurethane coating more than 24 hours ago before applying **CERMICOAT PU 2C**, if applied fine sanding should be done.

APPLICATION

- CERMICOAT PU 2C**, 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.
- Let the mixture rest for 5 minutes, then mix again for 1-2 minutes before application.
- The mixture prepared by brush, roller, spraying method. It should be applied to the surface as a minimum of 2 coats. first floor when applied from right to left or from top to bottom, the second coat application in the opposite direction of first coat application should be applied. The main purpose here is to cover the entire surface.
- Overlapping dots to avoid roll marks must be passed over again. Otherwise, the roll mark Air bubbles can be removed by applying a spiked roller easier removal.



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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