

CERMIPROOF PB

**POLYURETHANE-BITUMEN BASED,
ONE COMPONENT, ELASTIC WATERPROOFING MATERIAL**



Black



- *High adhesion strength and elasticity*
- *Freeze-thaw resistant*
- *Suitable for horizontal and vertical application*
- *Resistant to plant roots*
- *High crack bridging ability*
- *Ease of application*

PRODUCT INFORMATION

WHERE TO USE

- On the roof, terrace and rain gutters,
- On foundations, curtain and retaining walls,
- In balconies, patios and parking lots,
- Concrete, wood, metal etc. waterproofing material that can be used on different surfaces.

GENERAL FEATURES

Nature of Material	: Polyurethane resin backed with polymerized bitumen
Type	: Liquid
Colour	: Black
Density	: $1,30 \pm 0,1 \text{ g/cm}^3$ (mixture)
Viscosity	: 2000-4000 cP



TECHNICAL CHARACTERISTICS

Hardness (7 days)	: 50-60 Shore A (ASTM D2240)
Elongation at Break	: > 400 (ASTM D412)
Tensile strength (7 days)	: > 3 N/mm ² (ASTM D412)
Adhesion to Concrete	: > 2 N/mm ² (ASTM D4541)
Solids Content by Weight	: %80 - 85 (ASTM D2369)

(*) 23 °C ve %55 RH

STANDARDS AND DOCUMENTS

- In accordance with TS EN 1504-2 standard
- CE

CONSUMPTION

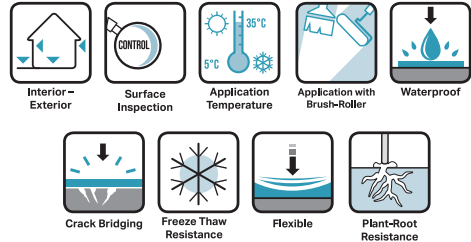
- 1.5 - 2 kg/m² (2 layers application)

PACKAGING

- 20 kg metal bucket

STORAGE

- It should be stored in non-humid, dry and protected warehouses against external weather conditions.
- Shelf life is 1 year under suitable storage conditions.



APPLICATION

APPLICATION PROCEDURE

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

Pot Life: 1-2 hours

Application method: Brush, roller or airless spray

Touch Dry Time: 2-3 hours

Number of coats to be applied: 2-3

Recoat time : 6-24 hours

Full mechanical strength: 5-7 days

SUBSTRATE PREPARATION

•The humidity of the application surface should not be more than 5% and the relative humidity of the environment should not be more than 85%.

•The application surface must be clean, free of dirt, free from dust and loose particles.

•Before product application, **CERMIPRIME EPR 2C**, **CERMIPRIME PU** or **CERMIPRIME PU PLUS** primer should be applied to the surface in order to increase adhesion and it should be waited for about 4-6 hours to dry.

•Remove and repair any defects, cracks and holes on the application surface properly by using the repair mortars of **CERMIMORTAR** or **CERMIREP**.

APPLICATION

•**CERMIPROOF PB** is a ready-to-use waterproofing material. The product is opened and mixed with a low speed mixer until it reaches a homogeneous consistency.

•**CERMIPROOF PB** should be applied to the surface with a

•Approximately 6 hours after the first coat application, the second coat should be applied in the opposite direction of the first coat application. The main purpose here is to cover the surface with all the material.

•Do not wait more than 24 hours between coats. In case of exceeding 24 hours, the application surface should be roughened with sandpaper.

•If the application will be made by spraying method, the product can be applied after thinning with polyurethane thinner if necessary.

•The times given in the application information and steps may be shorter or longer under different ambient conditions (low/high temperature, humidity, wind, etc.).



RECOMMENDATIONS

•If problems such as collapse, petrification, etc. are detected after the product packaging is opened, the product should not be used.

•Protect the treated surfaces from direct sunlight, rain and frost for at least 24 hours.

•In cold weather, products should be kept at room temperature for at least 24 hours before application.

•It should not be applied against negative water pressure.

•Since the product contains solvent, the environment must be well ventilated if it is applied in closed areas.

SAFETY INSTRUCTIONS

•Due to irritant effects of the non-cured material, avoid contact to skin and

eyes during storing and application.

•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

CERMIX Produced by Koramic Yapı Kimyasalları under license of Cermix SA. www.cermix.com.tr * www.koramic.com.tr

Head Office
Koramic Yapı Kimyasalları San. Tic. A.Ş.
E-5 Karayolu Üzeri, Sıfı 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