

POLIUREA CO

It is a two components, polyurea-based liquid material. It is easy to apply. It is an economical waterproofing system that offers simple solutions. It forms a highly elastic film by adhering strongly to all kinds of surfaces.

■ ADVANTAGES

- It has excellent mechanical properties.
- It exhibits effective resistance to chemicals.
- It does not contain toxic substances after curing.
- It is effective in water vapor permeability: Since the film breathes, moisture accumulation does not occur under the floor.
- Thermal resistance is excellent, the product never softens. Maximum service temperature is 90°C and maximum shock temperature is 200°C
- Resistant to cold: The film maintains its elasticity at -40°C

■ SCOPE OF APPLICATION

- It can be used on plaster and cement panels and tiles/tiles with a suitable primer.
- As the main waterproofing membrane in the waterproofing systems of bathrooms, roofs, light roofs made of metal or fiber cement, asphalt membranes, and car parks,
- Used in stadium tribunes.

■ WARNINGS AND RECOMMENDATIONS

Flammable, products should be kept away during application. There should be no smoking. Care should be taken to ensure constant ventilation of the application area. Protective equipment such as glasses and gloves should be used during application. In case of eye contact, wash thoroughly with clean of water. For detailed information, please request the Material Safety Data Sheet. It should be kept out of reach of children. The product should be consumed by professional users, taking into account the data in the technical information section.

■ CONSUMPTION

First layer: 0.75-0.9 kg/m²

Second layer: 0.75-0.9 kg/m²

Minimum total consumption: 1.5-1.8 kg/m²

■ STORAGE

Packaging	25 kq + 1,5 kq / set
Colour	Colourful
Shelf Life	It should be stored between 5-35 °C in sealed packages away from direct sunlight. The mouth of the containers must be kept closed when not in use. It should be protected from frost. Shelf life 12 Months.

■ APPLICATION FEATURES

- The surfaces to be applied must be solid. The surface must have a compressive strength of 25N/mm² and at least 1.5N/mm² for adhesion testing. Loose, dismantled or moving concrete particles on the surface, oil and paint residues, cement grout residues should be removed from factors that will affect adhesion performance. In addition, the surfaces to be applied should be roughened and wiped with appropriate tools and machines. The polished surfaces must be completely cleaned of dust with industrial machines. Dust remaining in the surface pores may affect product performance and cause holes in the coating.
- Apply the material in at least two layers with a roller or brush. Wait 4-12 hours between coats.

All technical information stated in this product data sheet is based on laboratory tests. Actual values may vary due to circumstances beyond our control.

İZERSAN YAPI MALZ.SAN VE TİC.LTD.ŞTİ.

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■ TECHNICAL SPECIFICATIONS AND PERFORMANCE VALUES

Colour	Colourful
Intensity	1,37-1,42 g/cm ³
Hardness	65 Shore A
Viscosity (Mixture)	3000-4500 cP
Water Vapor Permeability	0,8 gr/m ² saat
Breaking Strength	>8 (N/mm ²) (+23°C)
Elongation Percentage	≥ %500
Mixing Container Life	30 min
Drying Percentage	4-6 Hours
Recoating	12-24 Hours
Adhesion to Concrete	>2,5 {N/mm ² }

The technical specifications written above were written according to the test results performed under 23°C and 50% relative humidity conditions. Values may vary under different temperature and humidity conditions.

■ SAFETY PRECAUTIONS

During use and storage, appropriate work clothes, glasses, gloves and masks should be used for worker health and safety. Eye, mouth and skin contact should be avoided. The contacted area should be washed with clean of water. In more dangerous situations or if the product is swallowed, a specialist doctor should be consulted immediately. Food and drink should not be allowed into application areas. It should be kept out of reach of children. For detailed information, the Safety Data Sheet (SDS) should be consulted.

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■ LEGAL WARNING

Applications that may occur if the product is used for purposes other than its intended purpose or if the above-mentioned conditions are not complied with: from the mistakes of İzersan Yapı Malz. San. Ve Tic. Ltd. Şti. is not responsible.

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