

360 PROPOLB TM



Bitumen-Polyurethane Based Two Component Waterproofing Product

PRODUCT DESCRIPTION

It is a two-component, polyurethane-based, bitumen-containing, fast-curing, ultra-elastic, cold-applied liquid membrane. It adheres perfectly to almost any surface it is applied to, creating a highly elastic film. It cures chemically to form an elastic and durable film.

FEATURES

Easy to apply (with brush, roller or airless spray). When applied, it creates a one-piece waterproofing layer that prevents the formation of joints or the possibility of leakage. Its flexibility is quite high.

It cures fast. Its mechanical properties are excellent, and it has high elongation, tensile, tear and abrasion resistance. It is resistant to standing water and freezing.

Heat resistance performance in a wide temperature range is between -40° C and +80° C.

Even if the waterproofing layer is damaged in any way, the damaged part can be easily repaired in a short time.

It can also be used as a joint material.

It is resistant to chemicals.

PRODUCT INFORMATION

Chemical structure : Polyurethane-Bitumen
Appearance/Color : Liquid / Black

PERFORMANCE

(23°C, 50% Relative Humidity)

Intensity:	1,0 gr/cm ³ ±0.02 ASTM D 1475/EN ISO 2811-1(20° C)
Viscosity:	3000-3500 cp ASTM D 2196/EN ISO 3219(25° C)
Hardness:	70 (Shore A) ASTM 02240
Adhesion to Concrete:	>2 N/mm ² ASTM D 903
Rupture:	>2 N/mm ²
Water Vapor Permeability:	0,8 gr/m ² saat
QUV:	2000 SAATASTM D 412
Elasticity:	>%2000
First Drying Time:	3-5 Hrs
Recoating: :	12-24 Hrs
Complete Drying:	7 Days

These values were obtained as a result of laboratory experiments and are valid for the performance of finished applications at the end of the full drying period. The values may change as the temperature and humidity values in the construction site environment and the application surfaces and areas will vary.



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USAGE AREAS

floors, Fundamentals, bridge platforms, Open-Close tunnels, concrete structures, retaining walls, Plaster and cement panels, EPDM membranes, Bituminous membranes, Green roofs and plant beds, Lightweight roofs (made of metal or fiber cement), Parking lots above them, Applied under tiles in bathrooms, terraces and roofs

APPLICATION INSTRUCTIONS

Surface; It must be cured, dry and sound. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. If there are cracks or breaks on the surface, apply it with one of our PR OREP AIR repair mortars or epoxy repair paste at least 24 hours in advance. The application surface should not be damp. Application should be made after fresh concrete floors have been waited for at least 28 days.

Component A and component B should be mixed with the help of a medium speed mixer at 400-600 rpm until a homogeneous mixture is obtained. Do not add any external substance or dilute it.

Application Equipment

Roller & Squeegee & Steel Trowel

The floor should be primed in a single layer with PREPOXY PR 602 or a suitable primer 24 hours in advance. It should be applied to the prepared surface with a roller or steel trowel. Prepared mixture for 30 minutes. It should be consumed within. The mixture that starts to gel should not be used. By pouring it onto the primed surface or dipping it into a bucket, use a roller or trowel until the entire surface is covered, min. It should be applied in two layers. After applying the first coat, min. 12, max. The second coat should be applied within 24 hours. Waiting time between coats should not exceed 48 hours. Tools used after application should be cleaned within 2 hours.

LIMITATIONS

To obtain optimum quality, please adhere to the application instructions. The application should be made to the part of the structure that comes into contact with water. Since the material will cure slower in cold weather, it should be ensured that the first layer is completely dry before applying the second layer. Application should not be made in very high temperatures, direct exposure to sunlight, very windy or rainy weather. It should be protected from frost, sun and strong wind for the first 24 hours after application. Application should not be made on surfaces that are at risk of frost at the time of application. Application should be made between +5 C and +30 C. It should never be applied at temperatures below 5 C and in areas with humidity above 5%.

CONSUMPTION

0.750 – 1.00 Kg/m² for each floor

Total theoretical consumption (on 2 floors) 1.50 – 2.00 Kg/m²



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PACKAGING

A:20 KG B:20 KG : 40 kg tin packaging
A:7,5 KG B:7,5 KG : 15 kg tin packaging

SHELF LIFE

It is 1 year from the date of production in its original packaging in moisture-free and dry environments (temperature between +5 C and +25 C). The mouth of the containers should be tightly closed when not in use. It should be kept away from moisture.

STORAGE CONDITIONS

It should be stored in its unopened original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +25 C). It should not be left under direct sunlight.

SAFETY

You should not smoke during application and work in well-ventilated environments, away from naked flames. Avoid contact with skin and eyes. Use protective gloves, glasses and clothing. In case of eye contact, rinse with plenty of water and consult a doctor immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

LEGAL NOTES

Our technical data sheet is DEKOSTAR LTD., which has a wide range of usage areas. ŞTİ. It has been prepared to give general information about the products and to show the technical features of the products. It is a recommendation and this information is about the correct application, ground, air, equipment, etc. It is valid under the conditions and when the products are stored under the recommended conditions.

DEKOSTAR LTD. ŞTİ. Since it cannot control the conditions under which its products are used, it does not accept any responsibility for the application result and does not guarantee it. The user of the product must test the suitability of the product before using it.

DEKOSTAR San. will be liable for application errors that may occur if the product is used for purposes other than its intended purpose or if the application conditions and recommendations stated above are not followed. and Tic. Ltd. Ltd. is not responsible and has the right to change the features of its products without notice. Users should always refer to the latest edition of the Product Technical Data Sheet for the relevant product.



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