



PROPOL 1K 350

**Polyurethane Based
Single Component Waterproofing Product**

PRODUCT DESCRIPTION:

It is a single component, polyurethane based, economical elastic liquid waterproofing product for waterproofing and protection purposes. It cures with moisture in the air, forming an elastic and durable film.

FEATURES:

It has low cost.

Easy to apply (by brush, roller or airless spray).

When applied, it creates a one-piece waterproofing layer that does not allow for joint formation or the possibility of leakage.

Since it is a pure polyurethane, it can come into contact with water continuously.

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

Its permeability against water vapor is effective.

Since it has a breathing structure, it does not create moisture accumulation under the layer.

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

It is resistant to chemicals.

PRODUCT INFORMATION:

Chemical Base	Polyurethane
Appearance / Color	Liquid / White & Gray

PERFORMANCE:

(23°C, 50% RH)

Density:	1.43 gr/cm ³ ±0.05 ASTM D 1475/EN ISO 2811-1 (20° C)
Viscosity:	3000-5000 cp ASTM D 2196/EN ISO 3219(25° C)
Hardness :	60 (Shore A) ASTM 02240
Adhesion to Concrete :	< 2 N/mm ² ASTM D 903
Break :	>5.5 N/mm ²
Water Vapor Permeabili	0.8 gr/m ² hour
QUV :	2000 HOUR ASTM D 412
Elasticity :	> 400%
Drying time:	1 hour
Recoat :	12-24 hours
Full Drying :	4 days



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

USAGE AREAS:

Concrete Surfaces,
Gypsum And Cement Panels
Indoor And Outdoor Application Areas,
Terraces,
Covered Roofs,
Wet Areas,
Bathrooms,
Covered Areas,
Asphalt Waterproofing Layers Can Also Be Used.

APPLICATION INSTRUCTIONS:

Surface; It should be cured, dry and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. If there are cracks or breaks on the surface, they should be repaired with PROREPAIR PLUS, PROMORTAR EPO or PROEPO ANCHRAJ at least 24 hours in advance. Curvatures that may cause ponding should be corrected. The application surface must be flat and without slope.

It is ready to use. Do not add or dilute any external substance.

Application Equipment:

Roller Brush

The floor should be primed with PROPOL PR, PROPOL or suitable primer beforehand. It should be applied to the prepared surface with a brush, trowel or spray. By pouring on the primed surface or dipping into a bucket, min. should be applied twice. After the first coat is applied, min. 12, max. The second coat should be applied within 24 hours. Waiting between coats should not exceed 48 hours. Tools used after the application should be cleaned within 2 hours.



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LIMITATIONS:

Please obey to the application instructions to obtain optimum quality. The application should be made on the part of the structure that comes into contact with water. Since the curing of the material will be slower in cold weather, it should be ensured that the first layer is completely dry before applying the 2nd layer. It should not be applied in very high temperature, direct exposure to sunlight, very windy, rainy weather. It should be protected from frost, sun and strong wind for the first 24 hours after the application. Application should not be made on surfaces where there is danger of frost at the time of application. The application should be done between +5 C and +30 C. It should not be applied at temperatures below 5°C.

CONSUMPTION:

0,600 – 0,750 Kg/m² for each floor

Total theoretical consumption (2 floors) 1.20 – 1.50 Kg/m²

PACKAGING:

25KG tin packaging

5KG tin packaging

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid 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 package, in a moisture-free, dry and cool (temperature between +5 C and +25 C) environment. It should not be left under direct sunlight.

SECURITY:

During the application, smoking should not be allowed and should be worked in well-ventilated environments away from naked flames. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, rinse with plenty of water and seek medical advice 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.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.