

350 PROPOL 1K



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 and forms an elastic and durable film.

FEATURES

It is low cost.

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

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

Its permeability to water vapor is effective. Since it has a breathable 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. Resistant to chemicals .

PRODUCT INFORMATION

Chemical structure Polyurethane
Appearance/Color Liquid / White & Gray

PERFORMANCE

(23°C, 50% Relative Humidity)

Intensity : 1,43 gr/cm³ ±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/mm²ASTM D 903
Rupture: >5,5 N/mm²
Water Vapor Permeability: 0,8 gr/m² saat
QUV: 2000 SAATASTM D 412
Elasticity: >%400
Drying time 1 Hr
Recoating: : 12-24 Hrs
Complete Drying: 4 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

concrete surfaces, Plaster and cement panels , Internal and external application areas, terraces, Covered roofs, Wet areas, bathrooms, Areas under coating, Asphalt waterproofing layers can also be used.

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 any cracks or breaks on the surface, they should be repaired with PROREPAIR PLUS, PROMORTAR EPO or PROEPO ANCHORAGE 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 for use. Do not add any external substance or dilute it.

Application Equipment

Roller and Brush

The floor must be primed with PROPOL PR, PROPOL or a suitable primer beforehand. It should be applied to the prepared surface with a brush, trowel or spray. By pouring it onto the primed surface or dipping it into a bucket, use a roller or brush 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. Application should never be made at temperatures below 5 C.

CONSUMPTION

0.600 - 0.750 Kg/m² per floor

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



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PACKAGING

25KG tin packaging

5KG 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, and it is a recommendation and this information is about 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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