

# 120 PROBITUM 1K



## **Bitumen Rubber Based Single Component Waterproofing Product**

### **PRODUCT DESCRIPTION**

PROBITUM 1K is a single-component, water-based, bitumen rubber emulsion-based waterproofing material.

### **FEATURES**

It is easy to apply.

Provides a seamless veneer appearance.

It does not contain solvents. It is water based.

It can be used on vertical and horizontal surfaces.

It has strong penetration.

It has high elasticity.

It protects structures against water and moisture.

On depends of its elastic structure, it has high resistance to temperature differences.

As the water it contains evaporates in the area where it is applied, it forms a black layer that is waterproof and increases adhesion strength.

It has crack bridging ability.

### **PRODUCT INFORMATION**

Chemical Structure	:	Bitumen rubber / Acrylic resin based / Water based
Appearance / Color	:	Liquid / Brown
Dry Film Color	:	Black

### **PERFORMANCE**

(23°C, 50% relative humidity)

Ph	9-11
Intensity	1,2±0,2 gr/ cm <sup>3</sup>

These values were obtained as a result of laboratory experiments carried out in our company at 23°C and 50% relative humidity, and are valid for the performance of finished applications at the end of the full drying period. Values may change as temperature and humidity values in the construction site environment and application surfaces and areas will vary.

### **USAGE AREAS**

On mineral surfaces such as concrete, plaster, exposed concrete (primed) and screed, on balconies and terraces, under tiles in wet areas such as bathrooms, toilets and kitchens, in water tanks, foundations, reinforced concrete terrace roofs, balconies, water channels and hidden streams, It is used in retaining walls, waterproofing of horizontal and vertical surfaces, positive side waterproofing, waterproofing of structures above ground and repairs of old bitumen membranes.



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### **APPLICATION INSTRUCTIONS**

Surface; It must be cured and solid. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. If there is any damage on the surface, it should be repaired with PROREPAIR repair mortar at least 24 hours in advance. Newly plastered areas should be left to cure for at least 7 days before application.

It is ready for use.

### **Application Equipment**

Hand Mixer - Brush - Airless Spray

After making sure that the surface to be applied is dry, corner joints should be chamfered with PROBAND. It is diluted in equal proportions and applied as a single coat of primer. First of all, the application should be made with a thin brush on the areas where chamfer tape has been applied. PROBITUM 1K is applied cold. After mixing, it is applied with a bitumen brush, trowel or airless spray. After complete drying, the second coat can be applied. On surfaces subject to temporary and continuous water pressure, alkali-resistant PROTEX glass fiber mesh application should be applied to the entire surface between the first and second coat application. The foundation excavation should not be closed until complete drying. Filling should be done after the coating is protected with appropriate thermal insulation and drainage boards. The total application thickness should be determined according to the application area and the water pressure to which the insulation layer will be exposed. Expired mortar should be disposed of.

### **LIMITATIONS**

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces at risk of frost. It should be protected from rain, water, frost and negative external factors during and for the first 24 hours after application.

### **CONSUMPTION**

Minimum approximately 1-1.5 kg/m<sup>2</sup> for each floor

### **PACKAGING**

20 KG Plastic bucket

### **SHELF LIFE**

It is valid for 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 packaging should be tightly closed when not in use. 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.



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### **SAFETY**

Avoid contact with skin and eyes. Use protective gloves, glasses, mask and clothing. In case of eye contact, 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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