



# *PROBITUM 1 K*

## *120*

*Bitumen Rubber Based Single  
Component Waterproofing Product*

### **GENERAL INFORMATION:**

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

### **FEATURES:**

Easy to apply.

Provides seamless coating appearance.

Does not contain solvent. It is water based.

It can be used on vertical and horizontal floors.

It has strong penetration.

It has high elasticity.

Protects structures against water and moisture.

Thanks to its elastic structure, it has high resistance to temperature differences.

With the evaporation of the water it contains in the area it is applied, it creates a black layer that is waterproof and increases the adhesion strength.

It has crack bridging ability.

### **PRODUCT INFORMATION:**

Chemical Base	Bitumen Rubber / Acrylic Resin Based / Water Based
Appearance / Color	Liquid / Brown
Dry Film Color	Black

### **PERFORMANCE:**

(23°C, 50% RH)

Ph	9-11
Density	1.2±0.2 gr/ cm <sup>3</sup>

These values were obtained as a result of laboratory tests carried out in our company at 23°C, 50% relative humidity and are valid for the performance of 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.



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### **USAGE AREAS:**

As a surface, 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, retaining on its walls.

In waterproofing of horizontal and vertical surfaces, in the positive (internal sides) waterproofing.

It is used for waterproofing of structures above ground.

Used in old bitumen membrane repairs.

### **APPLICATION INSTRUCTIONS:**

Surface; It should be cured and has to be clean (no cracks). It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. PROREPAIR THIN or PROREPAIR if the surface is defective; If the application will be made in environments exposed to high sulphate such as sea water and sewage, it should be repaired with PROREPAIR PLUS at least 24 hours in advance. If the area to be applied is on a horizontal floor, it is recommended to apply screed with PROLEVEL beforehand in order to make the surface smooth. Newly plastered areas should be allowed to cure for at least 7 days before application.

It is ready to use.

### **Application Equipment:**

Hand Mixer

Brush

Airless Spray

After making sure that the surface to be applied is dry, the corner joints should be curved with PROBAND. PROBITUM PR Bitumen Primer is applied as a single layer. First of all, it should be applied with a thin brush to the areas where the curving tape is taken. PROBITUM 1K is cold applied. After mixing, it is applied with a bitumen brush, trowel or airless spray. After complete drying, the second coat can be applied. On surfaces exposed to temporary and permanent water pressure, alkali resistant PROTEX glass fiber mesh application should be applied to the entire surface between the first and second coats. 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.



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### **LIMITATIONS:**

Please obey to the application instructions to obtain optimum quality. The application should be done between +5 C and +30 C. It should not be applied in hot, rainy and windy weather. It should not be applied on surfaces where there is a danger of frost. It should be protected from rain, water, frost and negative external factors during the application and for the first 24 hours after the application.

### **CONSUMPTION:**

Approximately 1.5-kg / m<sup>2</sup> for each coat minimum

### **PACKAGING:**

20 KG Plastic Bucket

### **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 cover top of the containers should be tightly closed when not in use. 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:**

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