

## **Cement Acrylic Based Two Component Fully Flexible Waterproofing Product**

### **PRODUCT DESCRIPTION**

It is a two-component, cement-based, polymer emulsion, special chemicals, gray colored, fully elastic waterproofing mortar that is resistant to light pedestrian traffic.

### **FEATURES**

- It has high elasticity.
- Its crack bridging feature is at a high level.
- It has strong adherence.
- It adheres perfectly to mineral-based surfaces.

### **PRODUCT INFORMATION:**

#### **Powder Component:**

Chemical structure : Cement Based  
Appearance / Color: Powder / Gray

#### **Liquid Component:**

Chemical structure : Acrylic based / Water based  
Appearance/Color : Liquid / White  
Dry Film Color : Transparent  
Ph : 5-7

### **PERFORMANCE**

(23°C, 50% Relative Humidity)

Dry Bulk Density (powder component) :	1650 ± 200 kg/m <sup>3</sup>	TS EN 1015-10
Density (liquid component) :	0,98-1,1 gr/cm <sup>3</sup>	
Crack bridging :	1 mm	TS EN 1062-7 (+23 °C)
Capillary water absorption :	<0,1 kg/m <sup>2</sup> .h0,5	TS EN 1062-3
Adhesion to Concrete :	0,5 MPa	TS EN 1542

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.

### **USAGE AREAS**

- On mineral surfaces such as concrete, plaster and screed.
- Under tiles on balconies and terraces, and in wet areas such as bathrooms, toilets and kitchens.
- In water tanks, horizontal and vertical surfaces, pools.
- On the positive side, it is used in waterproofing of structures above ground.
- On the negative side, application should not be made in places where water is observed.

# 220 PROLASTIC PLUS



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### **APPLICATION INSTRUCTIONS**

The surfaces to be applied must be damp, dry surfaces must be moistened before application. 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.

It should be covered with waterproofing chamfer tape.

Surface defects, areas to be chamfered, gaps and cracks

It should be repaired with PROREPAIR repair mortar at least 24 hours in advance. Corners and joints should be covered with PROBAND waterproofing chamfer tape.

20 kg of powder component is slowly poured into 10 kg of liquid component and mixed with a low speed mixer until there are no lumps left. Water should never be added. The mortar is left to rest for 3-5 minutes to mature. It is mixed again before application.

### **Application Equipment**

Hand mixer - Steel Trowel - Roller and Brush

It is applied with a brush, trowel or appropriate spraying equipment. It should be applied to the surface in 2 - 3 layers. Waterproofing mesh should be applied between floors. The application of each layer should be done in a trellising manner perpendicular to the previous one. At least 12 hours should be waited between coats. Total layer thickness max. It should be 2-3 mm. Dusting of the interlayer surface should be prevented. In order to benefit from the product at the highest level, it is recommended to complete the process within 2-3 hours at most. In places with traffic load and in open areas, a protective layer such as screed or ceramic must be applied on it. 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 very high temperatures, direct exposure to sunlight, very windy or rainy weather. Application should not be made on surfaces at risk of frost. The product should be protected from rain, water, frost and negative external factors until it is cured.

### **CONSUMPTION**

Approximately 2.5- 3 kg/m<sup>2</sup> for 2 layers

### **PACKAGING**

Powder component: 20 kg kraft bag

Liquid component: 10 kg bag drum



BARS KİMYA -Dekostar Yalıtım İnşaat San. ve Tic.Ltd.Şti  
Gürsu Yeni Sanayi Alanı Karahıdır Mah. Okul Yolu Üzeri No:78  
Gürsu /BURSA TÜRKİYE

Tel : (+90) 850 888 61 00 Whatsapp Gsm : (+90) 516 168 61 01  
www.barskimya.com info@barskimya.com

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### **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 +30 C). It should not be left under direct sunlight.

### **SAFETY**

Since it is cement based, do not breathe the dust, use a mask. 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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