



# PROLASTIC PLUS 220

**Cement Acrylic Based  
Dual Component Fully  
Flexible Waterproofing Product**

## **PRODUCT DESCRIPTION:**

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

## **FEATURES:**

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

## **PRODUCT INFORMATION:**

### **Powder Component:**

Chemical Base	Cement-based
Appearance / Color	Powder / Gray

### **Liquid Component:**

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

## **PERFORMANCE:**

(23°C, 50% RH)

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 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.



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### **USAGE AREAS:**

On mineral surfaces such as concrete, plaster, screed as a surface

On balconies and terraces, under tiles in wet areas such as bathrooms, toilets and kitchens.

In water tanks On horizontal and vertical surfaces, in pools

It is used in waterproofing of structures above ground in waterproofing from the positive side.

It should not be applied in areas where water is observed from the negative side.

### **APPLICATION INSTRUCTIONS:**

Application surfaces should be damp, dry surfaces should be moistened before application.

Surface; It should be cured and solid. 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 beforehand. It is recommended to apply PROGEN PR before applying to very porous surfaces. It prevents salt vomit. Corners and joints should be turned with waterproofing bevel tape.

20 kg of powder component is poured slowly into 10 kg of liquid component and mixed with a low speed mixer until no lump remains. Absolutely no water should be added. Let the mortar rest for 3-5 minutes to mature. It is mixed again before starting the application.

### **Application Equipment:**

Hand Mixer

Steel Trowel

Roller Brush

It is applied with a brush, trowel or suitable spray equipment. It should be applied to the surface in 2-3 layers. A waterproofing mesh should be applied between floors. The application of each layer should be done in a perpendicular direction to the previous one. Wait at least 12 hours between coats. Total layer thickness max. It should be 2-3 mm. Dusting of the intercoat surface should be prevented. For maximum benefit from the product, 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 and ceramic must be applied on it. 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 very high temperature, direct exposure to sunlight, very windy, rainy weather. It should not be applied on surfaces where there is a danger of frost. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

## **CONSUMPTION:**

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

## **PACKAGING:**

Powder component: in 20 kg kraft bag  
Liquid component: 10 kg bag drum

## **SHELF LIFE:**

It is 1 year from the date of production in its original packaging in damp and dry environments (temperature between +5 C and +25 C). 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 +30 C) environment. It should not be left under direct sunlight.

## **SECURITY:**

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