



# *PROREPAIR PLUS* *510*

*Cement Based High Strength Structural  
Repair Mortar*

## **PRODUCT DESCRIPTION:**

Cement-based, high performance and durable, resistant to sudden temperature changes, thick-grained structural repair mortar.

## **FEATURES:**

It is suitable for use in places exposed to high sulphate such as sea water and sewage.  
It has high adherence.  
It is easy to prepare and apply.  
Does not shrink and shrinkage crack.  
It provides high resistance to freeze-thaw cycle.  
It is suitable for filling gaps up to 10-50 mm.

## **PRODUCT INFORMATION:**

Chemical Base	Cement-Based
Appearance / Color	Powder / Gray

## **PERFORMANCE:**

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar	1650 ± 200 kg/m <sup>3</sup> TS EN 1015-6
Compressive Strength 28 days	≥ 50 N/mm <sup>2</sup> TS EN 1015-11
Flexural Strength 28 days	≥ 7 N/mm <sup>2</sup> TS EN 1015-11
Water Absorption: (after 30 minutes)	≤ 5 gr TS EN 12808
Water Absorption: (After 240 minutes)	≤ 10 gr TS EN 12808

These values have been obtained as a result of laboratory tests carried out in our company 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.

## **USAGE AREAS:**

In repairs before the last coat paint, before the ceramic and granite coating, in the concrete repair before the insulation,  
Repairing unreinforced concrete, filling cracks on surfaces such as aerated concrete, brick  
In surface preparation before waterproofing  
It is used to create corner chamfers.  
It is suitable for use in filling gaps up to 10-50 mm.



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### **APPLICATION INSTRUCTIONS:**

Surface; It must be dry, sound and free of dust. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion.

Slowly pour 25 kg of PROREPAIR PLUS onto 5-6 liters of water and mix with a low-speed mixer until no lumps remain. Let the mortar rest for 5-10 minutes to mature. It is mixed again before starting the application.

### **Application Equipment:**

Hand Mixer  
Steel Trowel

The mortar should be applied by applying pressure with a steel trowel. If more than one coat is to be applied, wait at least 4-6 hours between coats. This period can be shortened in summer months. If the second floor is to be passed, the surface must be moistened with a sponge. Prepared mortar 1-2 hours. should be consumed within the period of use, and the expired mortar should be disposed of.

### **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. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

### **CONSUMPTION:**

1.5-2 kg/m<sup>2</sup> for 1 mm thickness  
Max 50 mm thickness can be applied.

### **PACKAGING:**

In 25 kg kraft bag

### **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 lid of the containers should be tightly closed when not in use. It should be kept away from moisture.



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### **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:**

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, 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.*

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