



# PROREPAIR 501

*Cement Based Thick Repair Mortar*

## **PRODUCT DESCRIPTION:**

Cement-based, polymer modified, fiber-added, high performance, flex structure, thick-grained surface repair mortar resistant to sudden temperature changes.

## **FEATURES / ADVANTAGES:**

It has high adherence.  
It is easy to prepare and apply.  
It does not sag on vertical surfaces.  
Does not shrink and shrinkage crack.  
Ideal for 5-30mm gap.

## **PRODUCT INFORMATION:**

Chemical Base	Cement-Based
Appearance / Color	Powder / Cement Gray

## **PERFORMANCE:**

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar  $1650 \pm 200 \text{ kg/m}^3$  TS EN 1015-6

Grain Size Distribution on a 1 mm sieve

remaining amount	$\leq 1.0\%$ TS EN 1015-1
Compressive Strength 28 days	$\geq 15 \text{ N/mm}^2$ TS EN 1015-11
Flexural Strength 28 days	$\geq 5 \text{ N/mm}^2$ TS EN 1015-11
Water Absorption: (after 30 minutes)	$\leq 5 \text{ gr}$ TS EN 12808
Water Absorption: (After 240 minutes)	$\leq 10 \text{ gr}$ 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:**

It is used to provide a smooth surface in repairs before finishing paint, before ceramic and granite coating, in concrete repair before insulation. It is used in repairing unreinforced concrete, filling cracks on surfaces such as aerated concrete, brick, and chamfering. It is suitable for use in filling gaps up to 5-30 mm.



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### **APPLICATION INSTRUCTIONS:**

Surface; It must be dry, solid 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 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. If a more durable product is desired, PROLATEX can be added to the mortar.

### **Application Equipment:**

Hand Mixer  
Steel Trowel

### **Application:**

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 during the summer months. If the second floor is to be passed, the surface must be moistened with a sponge. Prepared mortar 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. Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces with frost risk. 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:**

1.3 -1.7 kg/m<sup>2</sup> for 1 mm thickness

Max 5-30 mm thickness can be applied. For higher thickness, it is recommended to apply a second coat.

### **PACKAGING:**

In 25 kg kraft bag,  
(64 pieces per pallet, 1600 kg)



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### **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 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 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.*

DEKOSTAR San. ve Tic. Ltd. Şti  
Karahıdır Mah. Yolu Üzeri No.:78 Gürsu - BURSA / TÜRKİYE  
Tel: (+90) 516 168 61 01 / 850 888 61 00  
[www.barskimya.com](http://www.barskimya.com) [info@barskimya.com](mailto:info@barskimya.com)