

## **Ultra Flexible Adhesive Mortar for Ceramics, Granite and Marble Providing Sound and Water Insulation**

### **PRODUCT DESCRIPTION**

It is a cement-based, high-performance, ultra-flexible, reduced-slip, deformable, yellowish-colored adhesive mortar with water and sound insulation properties for ceramics, marble and granites.

### **FEATURES**

It is a patented product with a special formulation developed in Bars laboratories.

Unique yellowish color and granular texture

It is ultra flexible.

It is used vertically and horizontally indoors.

Provides waterproofing in continuous double-sided applications

Provides sound and water insulation between floors thanks to its special components

It is resistant to water, moisture and impacts.

It has maximum performance.

It provides ease of application with its suitable setting time and does not require much labor.

It has high adhesion strength.

It has high adherence.

It is suitable for ceramic flooring from top to bottom. It is easy to comb.

### **PRODUCT INFORMATION**

Chemical structure	:	Cement Polymer based
Appearance/Color	:	Powder / yellowish
Pot Life	:	1 Hr

### **PERFORMANCE**

(23°C, 50% Relative Humidity)

Pot life	6 saat
Tensile Adhesion	1 N/mm <sup>2</sup>
Tensile Adhesion After Water	1 N/mm <sup>2</sup>
Shrinkage Adhesion After Heat	1 N/mm <sup>2</sup>
Shrinkage Adhesion After Freezing	1 N/mm <sup>2</sup>
Open Hold Time: 30 minutes later	1 N/mm <sup>2</sup>
Flexibility (EN 12002)	5 mm - VERY FLEXIBLE
Slip Determination	<0,5 mm
temperature resistance	-40 +80

# 500 PROTECHNO 3 IN 1



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## USAGE AREAS

For bonding coating materials such as ceramic, marble, granite, mosaic; It can be applied in wet areas such as bathrooms and kitchens, and on surfaces such as concrete, brick and plaster.

Before applying ceramic on existing ceramic, the surface must be roughened with PROJEL.

## APPLICATION INSTRUCTIONS

Surface; It must be cured, dry and sound. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. The surface should be rough. If there are significant defects or cracks on the application surface, they should be repaired at least 24 hours in advance with a suitable PROREPAIR repair mortar.

Slowly pour 20 kg of PROMARBLE ULTRA 500 onto 4-6 liters of water (master settings according to the application surface) and mix with a low-speed mixer until no lumps remain. The mortar is left to rest for 5-6 minutes to mature. It is mixed again before application.

## APPLICATION EQUIPMENT

Hand mixer - Steel trowel - Plastic hammer - Notched trowel

When applying PROMARBLE ULTRA 500, first chamfer tape is applied to the vertical edges and corners. The product is spread on the surface with a flat trowel and a steel trowel, covering the entire surface without gaps (with insulation in mind). It is applied to the back of the ceramic by moving it in a circular motion with a flat trowel. Ceramics are adhered to the mortar on the floor by pressing. Joint fillers can be used between ceramics to ensure an equal share of joint filler. Expired or encrusted mortar in the container should be disposed of. Surfaces should be cleaned with a damp cloth.

Direct contact of the adhered tiles with water should be avoided for at least 24 hours.

## 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 hot, rainy and windy 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

3-5 kg/m<sup>2</sup>

## PACKAGING

In a 20 kg kraft bag, (64 pieces on a pallet, 1280 kg)



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## SHELF LIFE

It is 1 year from the date of production in its original packaging in a moisture-free, dry and cool environment (temperature between +5 C and +35 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 +35 C). It should not be left under direct sunlight.

These values were obtained as a result of laboratory experiments carried out in our company and are valid for the performance of finished applications at the end of the full drying period. Values may change due to differences in temperature and humidity in the construction site environment. The values may change as the temperature and humidity values in the construction site environment and the application surfaces and areas will vary.

## SAFETY

Since it is cement based, do not breathe the dust and do not contact it with skin or eyes. Use mask. Use protective gloves, glasses and clothing. In case of eye contact, 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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