



# PROGAS CONCRETE 535

*Cement Based Aerated Concrete Mesh Mortar*

## **PRODUCT DESCRIPTION:**

It is a cement based, easy to use, aerated concrete mesh mortar with high adhesion strength.

## **FEATURES:**

Uptime has been improved.  
Easy to apply.  
It saves time and labor.

## **PRODUCT INFORMATION:**

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

## **PERFORMANCE:**

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar	1500 ± 200 kg/m <sup>3</sup> TS EN 1015-6
Compressive Strength 28 days	≥ 2.5 N/mm <sup>2</sup> TS EN 1015-11
Flexural Strength 28 days	≥ 1.5 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
Application thickness	2-3 mm

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 building walls with building elements such as gas concrete and brick with high water absorption rate

In all kinds of projects such as residences, hotels, hospitals, industrial facilities

It is used as a general purpose aerated concrete block adhesive in interior and exterior areas.

## **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. Absorbent and porous surfaces should be moistened with water before application.



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25 kg of PROGAS CONCRETE is poured slowly onto 6.5-7.5 liters of water and mixed with the help of 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  
Trowel  
Plastic Hammer  
Notched Trowel

Before laying the first row of aerated concrete, it is recommended to wet the surfaces on which the mortar will be applied. Aerated concrete should be spread on the surface to be adhered with a 2-3 mm thickness with a trowel and then combed with a 10x10x10 mm toothed trowel. While knitting, a joint width of maximum 3 mm horizontally and vertically is sufficient. It should be noted that the joint gaps are completely filled with adhesive. Adhesion should be done within 10-15 minutes on the combed mortar. Good adhesion should be ensured by pressing on the gas concrete surface. Fixing is done by hitting the knitted blocks with a mallet. The prepared mortar should be consumed within 2-3 hours, 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:**

4-6 kg/m<sup>2</sup> (for 3 mm)

### **PACKAGING:**

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

### **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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