

## Crystallized Repair Mortar

### PRODUCT DESCRIPTION

It is a cement-based, polymer-modified, high-performance, resistant to sudden temperature changes, surface repair mortar that produces crystallization as a result of the reaction initiated by moisture and cement hydration, which is a combination of quartz silica and active chemicals, and starts to clog capillary cracks over time.

### FEATURES / BENEFITS

It is applied in negative and positive aspects.  
Closes hairline cracks  
It has high adherence.  
It is easy to prepare and apply.  
It does not sag on vertical surfaces.  
It does not cause shrinkage or shrinkage cracks.  
It is resistant to freezing and melting.

### PRODUCT INFORMATION

Chemical structure            cement based  
Appearance/Color            Powder/Cement gray

### PERFORMANCE

(23°C, 50% Relative Humidity)

Void Unit Volume Mass of Fresh Mortar	1650 ± 200 kg/m <sup>3</sup>	TS EN 1015-6
Grain Size Distribution		
Amount remaining on the sieve with 1 mm opening	r %1,0	TS EN 1015-1
Compressive Strength 28 days	15 N/mm <sup>2</sup>	TS EN 1015-11
Flexural Strength 28 days	4,5 N/mm <sup>2</sup>	TS EN 1015-11

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. The values may change as the temperature and humidity values in the construction site environment and the application surfaces and areas will vary.

### USAGE AREAS

Filling the tension rod, wooden wedge and rod holes in the walls where water tightness is required, repairing cracks and holes in concrete before insulation, repairing unreinforced concrete.

## *Crystallized Repair Mortar*

### APPLICATION INSTRUCTIONS

Surface; It must be dry, sound and free of dust. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. Slowly pour a sufficient amount of Procrsyt Mortar 854 into a clean container onto enough water until it reaches the consistency of mortar, mix with a low-speed mixer until no lumps remain, and apply. If a more durable product is desired, PROLATEX can be added to the mortar.

### Application Equipment

Hand mixer - Steel Trowel

### APPLICATION

Mortar should be applied by applying pressure with a steel trowel. If more than one coat is to be applied, at least 4-6 hours should be waited between coats. This period may be shortened in the summer months. If going to the second floor, the surface must be moistened with a sponge. Prepared mortar 2 hours. Expired mortar should be disposed of.

### 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. 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

1.6-2 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 a 25 kg kraft bag, (64 pieces on a pallet, 1600 kg)

### SHELF LIFE

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

# 854 PROCRYSTA MORTAR



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### SAFETY

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. 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, and it is a recommendation and this information is about 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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