



PROCRYSTA
MORTAR 854
CRYSTALIZED REPAIR MORTAR

PRODUCT DESCRIPTION:

Cement based, high performance, resistant to sudden temperature changes, surface repair mortar with quartz silica and active chemicals, which is polymer modified as a result of the reaction it initiates by reacting with moisture and cement hydration with by-products, and starts to plug the capillary cracks over time.

FEATURES / ADVANTAGES:

Applied from 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.
 Does not shrink and shrinkage crack.
 It is resistant to frost melting resistance.

PRODUCT INFORMATION:

Chemical Base Cement-based
 Appearance / Color Powder / Cement gray

PERFORMANCE:

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar	1650 ± 200 kg/m ³ TS EN 1015-6
Grain Size Distribution	
Amount remaining on the sieve with 1 mm opening	≤ 1.0% TS EN 1015-1
Compressive Strength 28 days	≥ 15 N/mm ² TS EN 1015-11
Flexural Strength 28 days	≥ 4.5 N/mm ² TS EN 1015-11

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:

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



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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. Adequate amount of procrsyt mortar 854 is poured slowly onto enough water in a clean container until it reaches the consistency of mortar, mixed with the help of a low-speed mixer until no lumps remain, and the application is made. 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 in 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:

1.6-2 kg/m² 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)

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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