



# PROCRYSTA 201

*Cement Based Crystallized  
Waterproofing Product*

## **PRODUCT DESCRIPTION:**

Cement based, polymer emulsion reinforced, single component crystallized waterproofing mortar containing active chemicals with crystallization effect.

## **FEATURES:**

- It is suitable for use in drinking water tank insulation.
- It is resistant to hydrostatic pressure.
- The active chemical compound with a crystalline effect fills the capillary spaces in the concrete.
- It can be applied against negative and positive water pressure.
- It is easy and fast to prepare.
- It can be applied with brush and spray equipment.
- The working time has been extended.
- It provides a permanent waterproofing with the crystals it creates.
- It creates a jointless, jointless, permanent, moisture and waterproof waterproofing layer.
- Resistant to chemicals and salt solutions in the soil.
- Can be applied to damp surface.
- It provides high resistance to freeze-thaw cycle.
- Provides negative and positive insulation.
- It is suitable for drinking water use.
- It fills 0.4 mm wide cracks by forming crystals.
- It has a constantly active structure.

## **PRODUCT INFORMATION:**

Chemical Base	Cement based / Active chemical content
Appearance / Color	Powder / Gray

## **PERFORMANCE:**

(at 23°C, 50% RH)

Dry Bulk Density	1350 ± 200 kg/m <sup>3</sup> TS EN 1015-10
	7 days to overcoating
Full cure	28 days
Pot life	45 min

These values were obtained as a result of laboratory tests carried out in our company at 23°C, 50% relative humidity and are valid for the performance of 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.



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### **USAGE AREAS:**

In waterproofing concrete surfaces,  
In the waterproofing of elevator shafts,  
In waterproofing horizontal and vertical surfaces,  
In waterproofing from the negative and positive side,  
In water tanks,  
In reinforced concrete pipes,  
In protecting concrete against water, salt and carbonation,  
It is used for waterproofing the structures above and below the ground.

### **APPLICATION INSTRUCTIONS:**

Application surfaces should be damp, dry surfaces should be moistened before application. Surface; It should be cured and sound. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. PROREPAIR THIN or PROREPAIR if the surface is defective; If the application will be made in environments exposed to high sulphate such as sea water and sewage, it should be repaired with PROREPAIR PLUS at least 24 hours in advance. Corners and joints should be turned with waterproofing bevel tape. Active water leaks and gaps, if any, should be filled with PROSTOP water plug. The floor should be saturated with water 24 hours before the application and moistened again just before the application.

Slowly pour 25 kg of powder component into approximately 6 kg of water and mix with the help of a low-speed mixer until no lumps remain. It is mixed again before starting the application.

### **Application Equipment:**

Hand Mixer  
Brush  
Spray Equipment

It is applied with a brush or suitable spray equipment. It should be applied to the surface in 2-3 layers. The application of each layer should be done in a perpendicular direction to the previous one. Wait at least 12 hours between coats. The product should be moistened with water for 5 days after final drying. In places with traffic load, a protective layer should be made on it. Expired mortar should be disposed of.



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## **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:**

2-4 kg/m<sup>2</sup> according to water pressure.

## **PACKAGING:**

In 25 kg kraft bags (64 pieces on a 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.

## **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, rinse with plenty of water and 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.*