

# 202 PROCRYSTA 2K



## **Cement Acrylic Based Two Component Crystallized Waterproofing Product**

### **PRODUCT DESCRIPTION**

It is a two-component, crystalline waterproofing mortar that is cement-based, polymer emulsion reinforced, and contains active chemicals with a crystallizing effect.

### **FEATURES**

- It is resistant to hydrostatic pressure.
- It allows groundwater to move away from the structure.
- The active chemical compound with a crystallizing effect fills the capillary gaps 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.
- Working time has been extended.
- It provides permanent waterproofing with the crystals it forms.
- It creates a jointless, seamless, permanent, moisture and water-proof waterproofing layer.
- It is resistant to chemicals and salt solutions in the soil.
- Can be applied to damp surface. 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.
- It prolongs the life of the structure by preventing the reinforcement from rusting.
- Provides water repellent barrier.
- Its adherence is strong. It adheres perfectly to mineral-based surfaces.
- It minimizes the damage that may occur in an earthquake by protecting the equipment in the building against water.

### **PRODUCT INFORMATION**

#### **Powder Component:**

Chemical Structure                      Cement based  
Appearance / Color                      Powder / Gray

#### **Liquid Component:**

Chemical structure      Acrylic based / Water based  
Appearance/Color                      Liquid / White  
Dry Film Color                              Transparent  
Ph    5-7

#### **PERFORMANCE:**

(23°C, 50% Relative Humidity)

Dry Bulk Density (powder component) TS EN 1015-10 1350 ± 200 kg/m<sup>3</sup>

7 days for coating , Full cure 28 days .

These values were obtained as a result of laboratory experiments carried out in our company at 23°C and 50% relative humidity and are valid for the performance of finished applications at the end of the full drying period .



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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**

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

### **APPLICATION INSTRUCTIONS**

The surfaces to be applied must be damp, dry surfaces must be moistened before application. Surface; It must be cured and solid. It should be cleaned of any residues such as oil, grease, dirt, paint, salt vomit that would prevent adhesion. If there is a defect on the surface, PROREPAIR THIN or PROREPAIR; If 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 covered with waterproofing chamfer tape. If there are active water leaks and gaps, they must be filled with a PROSTOP water plug. The ground should be saturated with water 24 hours before application, and should be moistened again immediately before application.

A liquid mixture is prepared by adding 3 kg of component B into approximately 5 kg of water. Slowly pour 25 kg of powder component into the prepared liquid and mix with a low-speed mixer until no lumps remain. Measurements must be adhered to. It is mixed again before application.

### **Application Equipment**

Hand mixer - Brush - Spraying 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 trellising manner perpendicular to the previous one. At least 12 hours should be waited between coats. In places with traffic load, a protective layer should be applied. In order to benefit from the product at the highest level, it is recommended to complete the process within 2-3 hours at most. 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. The product should be protected from rain, water, frost and negative external factors until it is cured.

### **CONSUMPTION**

2 kg/m<sup>2</sup> depending on water pressure



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## **Cement Acrylic Based Two Component Crystallized Waterproofing Product**

### **PACKAGING**

**Powder component:** in a 25 kg kraft bag.

**Liquid component:** 3 kg plastic drum.

### **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.

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