

## **Cement Based Stamped Concrete Surface Hardener**

### **PRODUCT DESCRIPTION**

It is a concrete surface hardener that is cement-based, highly resistant to abrasion and dust, has high surface abrasion resistance, contains special chemical additives, is ready-to-use, and can be applied by spreading and sprinkling in powder form.

### **FEATURES**

- Unlimited designs can be made with different molds.
- An extremely decorative and natural appearance is achieved.
- Secondary color options can be increased with PRODECO POWDER Stamped Concrete Decorative Mold Release Agent.
- It has a natural decorative appearance.
- It has much higher strength than concrete surfaces.
- The hardness level is high.
- It delays surface dusting.
- Provides a smooth and homogeneous appearance.
- It has low permeability.
- It is easy and practical to apply.
- It is resistant to vehicle traffic and high loads.
- It is easy and fast to prepare.
- It is used by sprinkling on fresh concrete.
- Creates a colorful decorative surface.

### **PRODUCT INFORMATION**

Chemical Structure	:	Cement Based
Appearance	:	Powder
Color	:	Optional

### **PERFORMANCE**

(23°C, 50% Relative Humidity)

Void Unit Volume Mass of Fresh Mortar	1650 ± 200 kg/m <sup>3</sup>	TS EN 1015-6
Compressive Strength 28 days	20 N/mm <sup>2</sup>	TS EN 196-1
Flexural Strength 28 days	4,5 N/mm <sup>2</sup>	TS EN 196-1
Water Absorption: (after 30 minutes)	5 gr	TS EN 12808
Water Absorption: (after 240 minutes)	10 gr	TS EN 12808

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

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### **APPLICATION INSTRUCTIONS**

Surface before concrete application; It must be cured, dry and sound. It should be cleaned of residues such as oil, grease, dirt, paint and salt vomit that would prevent adhesion. If there are any cracks, breaks or defects on the surface, they should be repaired with PROREPAIR repair mortar at least 24 hours in advance. The application surface must be flat and without slope.

It is ready for use. It is applied by sprinkling on fresh concrete.

After completing the ground preparation, concrete is poured. After the fresh concrete absorbs the surface water, Stamped Concrete application is started. 2/3 of PRODECO is sprinkled on the concrete surface. When the ground color begins to darken, the surface is polished with a wooden trowel. Then the remaining part is sprinkled. Then it is polished with a steel trowel. PRODECO POWDER Mold Release Agent, which is the system component, is sprinkled on the surface. Then the molding process begins. After the molding process, when complete drying occurs, the washing process is started and in the last stage, the polishing process is carried out with our PROTEC product, which is complementary to the Stamped Concrete System.

### **LIMITATIONS**

To obtain optimum quality, please adhere to the application instructions. Application should be made between +5 C and +30 C. Application should never be made at temperatures below 5 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**

3-5 kg /m<sup>2</sup>

### **PACKAGING**

25kg kraft bag

### **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 +35 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 +35 C). It should not be left under direct sunlight.

# 580 PRODECO



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### SAFETY

Avoid contact with skin and eyes. Use protective gloves, mask, 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 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 its suitability before using the product.*

*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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