



PRODECO 580

**Cement Based Pressed Concrete
Surface Hardener**

PRODUCT DESCRIPTION:

It is a cement-based, pressurized concrete surface hardener with high resistance to abrasion and dusting, high surface abrasion resistance, containing special chemical additives, ready to use, applied by spreading and sprinkling in powder form.

FEATURES:

Unlimited designs can be made with different patterns.
Extremely decorative and natural appearance is obtained.
Secondary color options can be increased with PRODECO POWDER Pressed Concrete Decorative Mold Release Agent.
It has a natural decorative appearance.
It has much higher strength than concrete surfaces.
The degree of hardness is high.
It delays surface dusting.
It provides a smooth and homogeneous appearance.
Its permeability is low.
It is applied easily and practically.
It is resistant to vehicle traffic and high load.
It is easy and fast to prepare.
It is used by sprinkling on fresh concrete.
Creates a colorful decorative surface.

PRODUCT INFORMATION:

Chemical Base Cement-based
Appearance Powder
Color: According to request

PERFORMANCE:

(23°C, 50% RH)

Hollow Unit Volume Mass of Fresh Mortar 1650 ± 200 kg/m³ TS EN 1015-6
Compressive Strength 28 days ≥ 20 N/mm² TS EN 196-1
Flexural Strength 28 days ≥ 4.5 N/mm² 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 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.

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USAGE AREAS:

It is used as a system component that gives the main color in decorative stamped concrete systems.

It can be used on all interior and exterior concrete surfaces.

APPLICATION INSTRUCTIONS:

Surface before concrete application; It should be cured, dry and solid. It must be cleaned of residues such as oil, grease, dirt, paint, salt vomit that will prevent adhesion. If there are cracks, breaks or defects on the surface, PROREPAIR THIN or PROREPAIR; 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 beforehand. The application surface must be flat and without slope.

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

Application Equipment:

Hand Mixer
Steel Trowel

After completing the ground preparation, concrete is poured. Pressed Concrete is applied after the fresh concrete absorbs the surface water. 2/3 of PRODECO is sprinkled on the concrete surface. When the ground color starts to darken, the surface is polished with a wooden trowel. Then the remaining part is sprinkled. Then it is polished with a steel trowel.

The PRODECO POWDER Release Agent, which is a system component, is sprinkled on the surface. Then the molding process is started. After the molding process, when full drying is achieved, the washing process is started and at the last stage, the polishing process is done with our PRODECO POLISH product, which is complementary to the Pressed Concrete System.

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 at temperatures below 5°C.

Application should not be made in hot, rainy and windy weather. Application should not be made on surfaces with frost risk. The product should be protected from rain, water, frost and adverse external factors until it cures (28 days).

CONSUMPTION:

3-5 kg /m²



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PACKAGING:

25 kg kraft bag

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 +30 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 +30 C) environment. It should not be left under direct sunlight.

SECURITY:

Avoid contact with skin and eyes. Use protective gloves, mask, 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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