

Liquid Surface Hardener

PRODUCT DESCRIPTION

It is used to permanently harden all cement-based surfaces. As impregnation on new or existing concrete surfaces; It is a lithium silicate-based, VOC-free, liquid surface hardener that ensures that the surfaces harden and prevent dust .

FEATURES

Water absorption decreases on the applied surface. Hardness increases over time and remains constant. Friction resistance constantly increases. Absolute dust-free operation is ensured. Brightness and vibrant color are created. Cracking is prevented. Wear is prevented. Damages caused by freezing are prevented. It transmits water vapor. There is no need for any other floor covering.

PRODUCT INFORMATION

Chemical Structure : Lithium Silicate Based
Appearance/Color : Liquid/Transparent

PERFORMANCE

(23°C, 50% Relative Humidity)

| | |
|------------------------------|----------------|
| Drying time | 1-3 Hrs |
| Complete cure/hardening time | 7 Days (23°C) |
| Application temperature | (+2°C)-(+40°C) |
| Density pH | 1,05 g/mL |

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.

USAGE AREAS

Production areas,
storage areas,
Cold storage areas,
Open and closed car park floors,
Aircraft hangars, helipads,
Docks .

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APPLICATION EQUIPMENT

Applied by Spraying Equipment, roller or brush.

APPLICATION INSTRUCTIONS

The surface must be cleared of residues (dust, oil, paint residue) that will prevent adhesion. The surface is prepared by cleaning with polishing and polishing machines and diamond discs, and it must be applied in a way that it is thoroughly absorbed into the surface. Surfaces with temperature differences and exposed to high temperatures should be saturated with water. A second and third coat can be applied on very absorbent surfaces. In areas where immediate shine is desired, polishing is achieved with a polishing machine. Since the product has application viscosity, there is no need for thinning.

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

Approximately 150-300 gr/m² depending on the ground

PACKAGING

10 kg plastic drum

30 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.



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SAFETY

The product should not be diluted with solvent or water. It should not be used to renew crumbling concrete. Surfaces with temperature differences and exposed to high temperatures should be saturated with water. A second and third coat can be applied on very absorbent surfaces. Immediate shine is provided with a polishing machine in areas where shine is desired. It gives better application results on fresh/new concrete. Do not use acidic chemical cleaners after application. The new concrete class should be C25 and the screed strength should be at least C25-F5. The lithium silicate based surface hardener product does not pose any health risks after drying.

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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