

ECOSTAR 2K HD per Pavimenti in Resina (10-2)

Two-component lacquer for resin floors, resin coatings, cement and microcement



Description

ECOSTAR 2K HD per Pavimenti in Resina is a two-component lacquer recommended for residential use, particularly in public buildings (medical, offices, etc). Ideal even in the presence of pets. The varnishing cycle is suitable for environments where food is present, specifically:

- for surfaces for which resistance to both washing and mould is required;
- can be washed with detergent A (chloroactive), detergent B (alkaline degreaser) and detergent C (acid descaler);
- suitable for surfaces that must be disinfected, using detergent D (generic disinfectant);
- suitable for cold rooms;
- suitable for environments with average humidity greater than 80%;
- suitable for surfaces with cracks up to 411 µm;
- Stains of 10% acetic acid aqueous solution, 10% aqueous solution of ammonia, coffee, ethanol 96%, condensed milk, olive oil, tea can be removed if treated with n-dodecyl-benzene-sodium sulfonate within 24 hours (soluz. 0.25%).

CERTIFICATIONS:

- Determination of antislip properties following DIN 51130 (cycle PRYMAREN + ECOSTAR 2K HD per Pavimenti in Resina);
- Determination of slip resistance following EN 13036-4 (cycle PRYMAREN + ECOSTAR 2K HD per Pavimenti in Resina (10-2) and cycle PRYMAREN CREAM + ECOSTAR 2K HD per Pavimenti in Resina (10-2))
- Determination of vapour permeability according to UNI EN ISO 7783;
- It meets the requirements of UNI 11021 (HACCP).

▪ **Destinations:** ECOSTAR 2K HD per Pavimenti in Resina is recommended for a lacquering protective treatment in the following cases: epoxy coatings, epoxy-cement coatings, polyurethane resins on floors and walls. Do not use on floors where the motor vehicles park.

Characteristics

Mixture ratio	10/2 + 10% Water
Application temperature	+10°C ÷ +25°C
Application	8 mm microfiber roller / brush
Thinning (if necessary)	DILUENTE DR H2O
Chemical and physical characteristics	excellent
Coverage	60 - 80 g/m ² (depending on the degree of absorption of the substrate)
Overcoating without sanding	3-4 h
Dust dry	30' ⁽¹⁾

Fingerprint dry	2 h ⁽¹⁾
Pot-Life	2 h ⁽¹⁾
Sanding	12 h ⁽¹⁾
Gloss level	LD: 85 gloss; OP: 15 gloss; S.OP: 5 gloss (depending on the substrate, absorption and quantity of product applied) ⁽²⁾
Coating	excellent
Storage stability	1 year ⁽³⁾
Packaging	6 L (5+1)
Tool cleaning	DILUENTE DNH 40

- 1 at 20°C and 65% R.H.
- 2 onto wet film of 90 micron hardened at 20°C and 65% R. H. for 7 days.
- 3 in original sealed containers at temperatures between +10°C and +25°C

How to use

Shake well before use.

Do not apply the lacquer if there is a rising damp from the subfloor.

The surface must be perfectly hardened, structurally sound, dry, clean and free of grease and waxes. In the case of old or previously treated floors, clean thoroughly the surface with VELUREX DEWACHS (see technical data sheet). Then sand with 180 grit sandpaper and vacuum the dust.

Mix carefully the component B into component A according to the indicated ratio (10:2) + 10% of water than apply ECOSTAR 2K HD per Pavimenti in Resina with a 8 mm roller. A second coat of ECOSTAR 2K HD per Pavimenti in Resina can be applied after 3-4 hours without sanding or after 12 hours with a previous light sanding using a 320 paper grit. When working conditions are critical (hot temperatures, low humidity or large areas), it is advisable to add 5-10% of retardant DILUENTE DR H2O (see technical data sheet). A second coat of ECOSTAR 2K HD per Pavimenti in Resina can be applied after 12 hours with a previous light sanding using a 220/320 grit paper.

Dusty subfloors must be primed with one coat of ECOSTAR 2K HD per Pavimenti in Resina diluted with 10-20% of water.

Ordinary and/or extraordinary maintenance has to be done with VELUREX range of products (see relative technical data sheet).

Notes

In order to improve the adhesion to the substrates and the resistances to liquids and to alkaline supports of ECOSTAR 2K HD per Pavimenti in Resina, it is recommended to apply PRYMAREN (see relative technical data sheet) before the application of the lacquer.

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Label elements

Comp.A	SUPER	<ul style="list-style-type: none"> · Safety data sheet available on request.· Contains Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one; 2-methyl-2H-isothiazol-3-one (3: 1); 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
	OP,	
	OP,	
	LD	

Comp.B	<ul style="list-style-type: none"> · Harmful if inhaled.· May cause respiratory irritation.· May cause an allergic skin reaction.· Harmful to aquatic life with long lasting effects. · Contains isocyanates. May produce an allergic reaction.· Contains HEXAMETHYLENE-DI-ISOCYANATE. May produce an allergic reaction. · Avoid breathing dust / fume / gas / mist / vapours / spray.· Wear protective gloves / protective clothing / eye protection / face protection.· Call a POISON CENTER or doctor / physician if you feel unwell.· Store in a well-ventilated place. Keep container tightly closed.
	<p>Contents:HYDROPHILIC ALIPHATIC POLYISOCYANATE BASED ON HDI HEXAMETHYLENE-1,6-DIISOCYANATE HOMOPOLYMER HYDROPHILIC ALIPHATIC POLYISOCYANATE BASED ON IPDI HEXAMETHYLENE-DI-ISOCYANATE;</p>



Web link

Be sure to have the latest version of this technical data sheet downloadable also from the following link:



[http://www.chimiver.com/tds/EN_ECOSTAR_2K_HD_per_Pavimenti_in_resina_\(10-2\).pdf](http://www.chimiver.com/tds/EN_ECOSTAR_2K_HD_per_Pavimenti_in_resina_(10-2).pdf)

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