

# ECOSTAR 2K Natural

**Two-component water-based polyurethane finish with natural wood look effect for wooden floors**



## Description

ECOSTAR 2K Natural is a two-component water-based finish with natural wood look effect for oak and light wood species. The use of special resins with controlled pH allows the wood to not oxidize in the light and to keep its color unchanged in the time. The floor finished with ECOSTAR 2K Natural looks as not finished and has super matt aspect. ECOSTAR 2K Natural has also excellent chemical and physical characteristics and is suggested for heavy traffic floors.

## Characteristics

VOC %	max 7,92 %
VOC g/L	max 83,19
Mixture ratio	10/1
Application temperature	+50°F ÷ +77°F
Application	0,3 Inch microfiber roller / brush
Thinning (if necessary)	DILUENTE DR H20
Coverage	400 - 450 Ft <sup>2</sup> /gal
Dust dry	30' <sup>(1)</sup>
Fingerprint dry	2 h <sup>(1)</sup>
Pot-Life	2 h <sup>(1)</sup>
Sanding	24 h <sup>(1)</sup>
Overcoating without sanding	4 - 12 h <sup>(1)</sup>
Gloss level	6-8 gloss <sup>(2)</sup>
Chemical and physical characteristics	excellent
Coating	good
Wood oxidation	absent
Storage stability	1 year <sup>(3)</sup>
Packaging	1,4 gal (1,3+0,1)
Tool cleaning	DILUENTE DNH 40 (with fresh product)

- 1 at 68°F and 65% R.H.
- 2 onto wet film of 90 micron hardened at 68°F and 65% R. H. for 7 days.
- 3 in original sealed containers at temperatures between +50°F and +77°F

## How to use

ECOSTAR 2K Natural, catalyzed according to the indicated ratio and mixed homogeneously, has to be applied to filled, sanded and vacuumed wooden floors.

When working conditions are critical (hot temperatures, low humidity or large areas), it is advisable to add 5-10% of retardant thinner DILUENTE DR H20 (see technical data sheet).

After 24 hours sand accurately using a 220 paper grit and proceed with application of a second coat of ECOSTAR 2K Natural. To obtain the natural effect in full, do not use primers, but apply two coats of ECOSTAR 2K Natural. An excess of product increase the gloss level losing the natural look effect of the wooden floor.

ECOSTAR 2K Natural is particularly indicated for treatment of oak floors and anyway light wood species.

During the application it is very important to apply the varnish along the wood grain. It is recommended to make the preliminary tests on each batch of wood. Do not apply on the dark woods (iroko, teak, wenge, etc.) The complete stabilization of the wood color takes place when the second coat is applied (48 hours).

The maintenance of wooden floors treated with ECOSTAR 2K Natural has to be done with VELUREX range of products (see technical data sheets).

The intensive maintenance of wooden floors treated with ECOSTAR 2K Natural has to be done with WAX CARE White (see technical data sheet).

**Notes.** Some materials can release plasticizer during the time, that can settle down creating spots or undesired halos. In case of absorbent wooden floors, it is recommended to apply another coat of ECOSTAR 2K SUPER OP (see technical data sheet).

## Label elements

For more information about the safe use of the product it is recommended to consult the latest version of the Safety Data Sheet.

## 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/US\\_ECOSTAR\\_2K\\_Natural.pdf](http://www.chimiver.com/tds/US_ECOSTAR_2K_Natural.pdf)

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