

Technical Datasheet

Item Code: ECST001X | Rev.: 22-09-2026 | Ver: 3.7

STAR

Single-component polyurethane water-based finish for wooden floors



Description

STAR is a single-component water-based finish for wooden floor characterized by high solid content, high resistance to wear and a pleasant final appearance. STAR gives to the wood a warm and slightly oxidized look.

Characteristics

Mixture ratio	single-component
VOC %	max 9,22 %
VOC g/L	max 95,84
Application temperature	+50°F ÷ +77°F
Application	0,3 Inch microfiber roller / brush
Thinning (if necessary)	DILUENTE DRH2O
Coverage	420-380 ft ² /gal
Dust dry	40' ⁽¹⁾
Fingerprint dry	2 h ⁽¹⁾
Sanding	12 -24 h ⁽¹⁾
Overcoating without sanding	2-4 h ⁽¹⁾
Gloss level	LD: 60 gloss; SL: 40 gloss; OP: 20 gloss; SUPER OP: 13 gloss ⁽²⁾
Chemical and physical characteristics	good
Coating	excellent
Wood oxidation	light
Storage stability	1 year ⁽³⁾
Packaging	1,3 gal
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

Shake well before use.

STAR is a ready-to-use finish, which is applied to filled, sanded and vacuumed wooden floors. A second coat of STAR can be applied after 2/4 hours (in this case without sanding) or after 12 -24 hours (in this case sand with 220 paper grit). A third coat of STAR can be applied following the guidelines mentioned above. In order to achieve better results and higher softness to the touch, it is advisable to sand after each coat.

In the cycles consisting of primer and finish it is absolutely not-recommended to use two-component solvent-based primer (combined cycles), but it's recommended to use single-component water-based primer as CROM or ECORAPID (see technical datasheets) and then STAR as a finish.

The application of STAR directly on wood containing tannin should be preceded by a prior test.

Note

The special rheological characteristics of the finish allow the applications with a trowel without leaving halos and marks.

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

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_STAR.pdf

These information are given from the best of our knowledge and technical experience. They are of general character and not binding in any way our company. Every single case should be put to a practical test by the user who assumes the full responsibility of the final result of his work.