

Technical Datasheet

Item Code: ECWO000A | Rev.: 11-09-2023 | Ver: 3.4

ECOWOOD 2K

Two-component water-based polyurethane finish with natural anti-reflection effect for wooden floors



Description

ECOWOOD 2K is a two-component water-based polyurethane finish with natural wood look effect. The use of special resins gives to the flooring an extremely matt, natural and anti-reflection effect. Thanks to its special formulation ECOWOOD 2K is also suitable for coating light and dark wood species. ECOWOOD 2K has also excellent chemical and physical characteristics and is suitable for heavy traffic floors.

Characteristics

| | |
|---------------------------------------|--|
| VOC % | max 7,28 % |
| VOC g/L | max 72,78 |
| Mixture ratio | 10/1 |
| Application temperature | +50°F ÷ +77°F |
| Application | 0,3 Inch microfiber roller / brush |
| Thinning (if necessary) | DILUENTE DR H2O |
| Coverage | 380 - 420 ft ² /gal |
| Dust dry | 30' ⁽¹⁾ |
| Fingerprint dry | 2 h ⁽¹⁾ |
| Pot-Life | 2 h ⁽¹⁾ |
| Sanding | 16 h |
| Overcoating without sanding | 4 - 12 h ⁽¹⁾ |
| Gloss level | 3-5 gloss ⁽²⁾ |
| Chemical and physical characteristics | excellent |
| Coating | good |
| Wood oxidation | absent |
| Storage stability | 1 year ⁽³⁾ |
| Packaging | 1,4 gal (1,3+0,1) - 0,29 gal (0,26+0,03) |
| 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.

ECOWOOD 2K, catalysed according to the indicated ratio, mixed thoroughly and add 10% of water, has to be applied to filled, sanded and vacuumed wooden floors. After 12-24 hours sand accurately using a 220/320 grit paper and proceed with application of a second coat, this also diluted with the 10% with water after the catalysis.

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

Note:

In case of exotic wooden species with fatty substances, tannins and resin concretions, it is suggested to apply at least one coat of CHIM TABU PRYMER (see technical data sheets) before the application of ECOWOOD 2K. A preliminary test is always recommended.

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_ECOWOOD_2K.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.