

# ECØ V

**Single-component water-based fire-retardant polyurethane lacquer for wooden floors with reduced content of volatile organic compounds**



### Description

ECØ V is a single-component fire-retardant water-based lacquer for wooden floors with reduced content of volatile organic compounds. ECØ V has high abrasion resistance and to heavy traffik. CERTIFIED EC1 PLUS.

ECØ V can contribute to the achievement of QI CREDIT 4.1 according to the parameters of the GEV dated 03 March 2009, because it meets the certification LEED protocol (Leadership in Energy and Environmental Design).

The product has ECOLABEL certification (www.ecolabel.eu): european mark of ecological quality that confirms the Company's commitment towards the environment. CFS1 CERTIFIED according to EN 13501-1. ECØ V meets the fire protection requirements of the European Marine Equipment Directive 2014/90/EU (IMO-MED certification). Warnings for naval applications: see the notes on the CSI certificate No. MED/0497/1206.

### Characteristics

Mixture ratio	single-component
Application temperature	+10°C ÷ +25°C
Application	8 mm microfiber roller / brush
Thinning (if necessary)	water
Coverage	80-100 g/m <sup>2</sup> - CFS1 130 g/m <sup>2</sup>
Dust dry	40' <sup>(1)</sup>
Fingerprint dry	2 h <sup>(1)</sup>
Sanding	12-24 h <sup>(1)</sup>
Overcoating without sanding	2-4 h <sup>(1)</sup>
Gloss level	LD: 60-70 gloss, SL: 40 gloss, OP: 20 gloss, SUPER OP: 10 gloss <sup>(2)</sup>
Chemical and physical characteristics	good
Coating	excellent
Wood oxidation	light
Storage stability	1 year <sup>(3)</sup>
Packaging	5 L
Tool cleaning	water

- 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

ECØ V is a ready to use lacquer, it has to be applied on wooden floors that have been filled, sanded with 180 paper grit and carefully vacuumed. It is possible to apply after 2/4 hours from the first application, without sanding or after 24 hours (after sanding with 220 paper grit) a second coat of ECØ V. If a third coat has to be done following the procedure listed above. It is recommended to sand after each coat of lacquer applied in order to have a soft and smooth effect.

The maintenance of floors treated with ECØ V must be done with neutral pH water-based products.

**N.B. CFS1 CERTIFIED according to EN 13501-1 with a coverage of 130 g/m<sup>2</sup>.**

### Label elements

- Safety data sheet available on request.

### 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\\_ECØ\\_V.pdf](http://www.chimiver.com/tds/EN_ECØ_V.pdf)