

**ARTICLE:** ECO-HARDWAX-FINISH  
**ITEM-NO.:** EHF 570  
**SYSTEM:** Solvent-Based, 1C Oil-Wax-Combination



### PRODUCT PROPERTIES

ECO-HARDWAX-FINISH EHF 570 is a clear, solvent-based, 1C oil-wax-combination and is characterised by:

- extra good penetration
- very good water resistance
- good accentuation the wood surface
- very good leveling properties
- easy to process

### SCOPE OF APPLICATION

Suitable for coating of:

- several solid timbers (Except tropical and ingredient rich woods)
- veneered substrates

The product is well suited for the application on:

- parquet flooring
- staircase components and steps

### TECHNICAL DATA

- Colour: clear
- Gloss level: matt
- Viscosity: 35-45 s DIN 53211/ 4 mm
- Density: approx. 0,9262 g/cm<sup>3</sup>

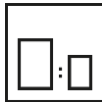
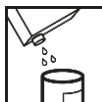
### APPLICATION



Application quantity (g/m <sup>2</sup> )	20-80
Quantity of applied layers	2
Jet nozzle (mm)	
Air pressure (bar)	
Material pressure (bar)	

### DRYING

### HARDENER, THINNER, RETARDER

Dust-dry after			Hardener	-
Sandable after	over night			
Overcoatable after	over night			
Stackable after				
Completely dried after	12-14 h		Thinner	If necessary: V 608
Cured after				
( at 20 °C and 35-65 % relative humidity and depending on the applied quantity)			Retarder	-

Item No.: EHF 570

## STORAGE



Store material in a tightly closed container and under dry and cool conditions. Protect from frost.

### Shelf life:

EHF 570: 12 months

(when stored in the original unopened containers)

## CLEANING



Clean tools immediately after use with

- V 608

## SPECIAL GUIDANCE

- Stir well before using!
- The substrates which should be coated have to be conditioned 12 hours before coating.
- It is recommended to perform preliminary trials to test the suitability of the coating system with the desired substrate.
- The surfaces have to be perfectly sanded, dry, free of grease, oil and silicones before the application.
- High humidity and a moisture content above 10% must be avoided at all costs. High humidity leads to longer drying times. The indicated times depend on the application quantity, the room temperature and the relative humidity.
- Protect the containers from drying out and always close them tightly immediately after removing the material.
- Solvent-based products are flammable, also during processing and drying.
- **Risk of spontaneous combustion with cloth or paper towels wetted with natural oil or furniture oil products (autoxidation)!**
- **Soaked application cloths should therefore be dried outdoors or stored in a closed, fireproof container. Soiled rags can also be kept covered with water for at least 48 hours, after which they can be disposed of according to local regulations. Keep away from oxygen and light.**
- **Products which dry by oxidation (e.g. oils) and products which form highly flammable residues (e.g. NC paints) must not be applied in the same spraying booth because of the risk of spontaneous combustion. Only use in spraying booths intended for this purpose. Remove spray mist contamination regularly.**
- Do not store at temperatures below 5 °C or above 25 °C.
- Temperatures of below 15 °C should be avoided at all costs when processing the hard wax oil.
- The application of several layers is possible without intermediate sanding and possible wrinkling after sufficient intermediate drying.
- Optimal results are achieved by spraying once (or brushing, rolling), drying overnight, sanding, spraying a second time (or brushing, rolling) and drying overnight.
- The durability of the coating depends on the condition of the wood, the applied layer thickness and the prevailing climatic conditions. Depending on these conditions, the surface must be expected to require renewal after 1 to 2 years.
- Do not dispose residues into the sewerage system, but via waste collection system.
- To obtain R10 slip resistance, the substrate must be sanded with P80 and coated twice with approx. 20 g/m<sup>2</sup>, without intermediate sanding.

## TESTING STANDARDS

- EN 71, part 3 free of extractable heavy metals
- DIN-68861-1C chemical resistance
- Complies with GISCODE: Ö 60
- Free from harmful substances such as: NMP, APEO, butylglycol
- Achieves an R10 slip resistance class, according to DIN EN 16165:2021, when applied as directed. (Test certificate no. 1210614 - S / 22; 1210615 - S / 22)

### Safety guidance:

The information in this technical data sheet is based on the current knowledge and experience of PLANTAG Coatings GmbH. The product processor is not exempted from its own testing and testing of the products with regard to the intended use as well as the wealth of possible influences during processing and application. Existing laws and regulations are to be observed by the recipient of our products in their own responsibility. Labeling in accordance with the Ordinance on Hazardous Substances and Transport Law can be found in the safety data sheet. A legally binding assurance of certain properties or suitability for a specific purpose cannot be derived from our information. Recommendations deviating from the information in our technical data sheets are only binding for us if they have been confirmed in writing. Our terms and conditions are an integral part of this technical information sheet [Jan-23]

### PLANTAG Coatings GmbH

Plantagenweg 34-38  
32758 Detmold  
GERMANY  
Fon: +49 5231 6002 661  
Fax: +49 5231 6002 9661  
E-Mail: info@jordanlacke.de

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