

TECHNICAL DATA SHEET

KOVERING WOOD 2

Two-component, water-based, 100% polyurethane varnish with high resistance to wear and abrasion for wooden floors, (EMICODE EC1 R) with very low emission of volatile organic compounds. Suitable for floors subject to extremely high foot traffic.

WHERE TO USE

Highly protective, wear and abrasion-resistant finish for solid and pre-sanded wooden floors and wooden floors requiring repair. Suitable for use in civil and commercial environments, including those subject to extremely high foot traffic (public offices, shopping centres, airports, exhibition halls, etc.).

TECHNICAL CHARACTERISTICS

Kovering Wood 2 is a two-component, water-based varnish formulated with 100% aliphatic (non-yellowing) polyurethane resins, characterised by an excellent level of resistance to abrasion and scuff marks from rubber-soled shoes never previously achieved with other water-based products. It also gives parquet floors an attractive "natural wood" finish (10 gloss). Floors treated with this varnish have a natural, even finish, and their cleanability is very similar to that of impregnation cycles with oil and wax. If applied directly without a base product, it considerably enhances the colour of the parquet and does not yellow over the years.

Kovering Wood 2 is available in 10 gloss - 30 gloss - 60 gloss.

RECOMMENDATIONS

- Do not use **Kovering Wood 2** at temperatures lower than +10°C.
- Do not use on external surfaces.
- Use only clean containers and tools
- On types of wood with a high content of extracts, we recommend checking that the product is compatible or applying SuperCoat HT961 as a first coat.
- Completely remove all traces of previous treatments in order to obtain an even finish.
- Protect treated surfaces from direct sunlight and draughts for the first 3 hours after application.
- Leftovers of the product must not be put back into its container. Partially-used containers must not be stored for very long.
- At high temperatures, we recommend diluting the product up to 10% with water.

Protection from frost. For transport at low temperatures, use vehicles with temperature-controlled units.

Preparation of the product

Shake component A before use, insert the filter in the cap of the can and pour the product into the special basin.

At high temperatures, dilute the product with up to a maximum of 10% clean water (Dir. 2004/42/EEC). Add component B at a ratio of comp A : comp B = 10 : 1 (in volume) and mix thoroughly until completely blended. Apply the mix within 2 hours of blending.

If only a part of component A is used, remove the filter before closing the can and rinse it thoroughly with clean water.

TECHNICAL DATA (typical values)

PRODUCT IDENTITY		
	Comp. A	Comp. B
Consistency:	milky liquid	liquid
Colour:	off-white	transparent
Density of Kovering Wood 2 10 gloss (g/cm ³):	1.045 ± 0.005	1.075 ± 0.005
Density of Kovering Wood 2 30 gloss (g/cm ³):	1.040 ± 0.005	1.040 ± 0.005
Density of Kovering Wood 2 60 gloss (g/cm ³):	1.038 ± 0.005	1.038 ± 0.005
EMICODE:	EC1 R - very low emission	
APPLICATION DATA (at +23°C and 50% R.H.)		
Viscosity of Kovering Wood 2 10 gloss:	47 ± 1 sec. (Ø 3 Ford cup)	
Viscosity of Kovering Wood 2 30 gloss:	45 ± 1 sec. (Ø 3 Ford cup)	
Viscosity of Kovering Wood 2 60 gloss:	45 ± 1 sec. (Ø 3 Ford cup)	
Dust dry:	25 min.	
Touch dry:	40 min.	
Maximum permitted dilution ratio (Dir. 2004/42/EEC):	10% with clean water	
Buffing:	after 12 hours	
Varnishing (without buffing):	after 2 hours and within 5 hours	
Ready for service:	36-48 hours	
FINAL PERFORMANCE		
Bonding (checker-work) Önorm C 2354:	C	
Abrasion resistance (Taber test - 1000 revs, 1000 g, CS10 disk):	10 mg	
Chemical resistance Önorm C 2354:	1 B	
Elasticity Önorm C 2354:	C	
Reaction to fire classification		
In combination with Ultracoat Premium Base:	B _{fl} -s1 - C _{fl} -s1	
Gloss factor:	(10-30-60 gloss)	

APPLICATION PROCEDURE

Sand wooden floors with coarse and medium-grained sandpaper and remove all traces of dust with a vacuum cleaner. Grout cracks and irregularities in the surface with Super Binder K950, according to the instructions contained in the product's relative Technical data Sheet. Remove all traces of dust after buffing. Apply a first, even coat of Kovering Wood 2 or SuperCoat HT961 with a 6mm roller. If Kovering Wood 2 is used for the first coat, buff the surface after 8 hours with mesh disk grit 180/220. If a base coat of SuperCoat HT961 has been applied, proceed according to the instructions contained in the product's relative Technical data Sheet.

Then carefully remove all traces of dust and apply the second coat of Kovering Wood 2. If a three-layer cycle is required, apply the final coat after at least 2 hours and within 5 hours without buffing. If successive coats are applied after more than 5 hours, buff the surface again prior to application. For application with a spray gun, dilute with up to 10% water if necessary.

CLEANING

Clean tools and remove residues of Kovering Wood 2 with water while the product is still fresh. Once hardened, the product may only be removed mechanically.

CONSUMPTION

First coat 80-100 ml/m²; successive coats
50-70 ml/m².

PACKAGING

5.5 litre kits (A+B).

STORAGE

12 months in its original, sealed packaging in a dry place.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Kovering Wood 2 component A is not considered hazardous according to current norms and guidelines regarding the classification of mixtures.

Kovering Wood 2 component B is harmful if inhaled and may irritate the respiratory system. It may also cause sensitisation if it comes into contact with the skin.

Kovering Wood 2 30 and 60 component B may also irritate the skin and eyes. We recommend using protective gloves and goggles and to take the usual precautions for handling chemical products. If the product comes into contact with the eyes or skin, wash immediately with plenty of clean water and seek medical attention. When applying the product we recommend wearing a safety mask to protect the respiratory system and to work only in well ventilated areas.

Kovering Wood 2 10 component B is also hazardous for aquatic life. Do not dispose of this product in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE**WARNING**

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.