



# COMFORT K2

NMP-FREE WATER-BASED TWO-COMPONENT VARNISH WITH NATURAL-LOOK FINISH FOR PARQUET FLOORS

FOR PROFESSIONAL USE ONLY

## CERTIFICATION:



## DESCRIPTION AND USAGE:

Two-component acrylic-polyurethane water emulsion varnish finish treatment for parquet floors with excellent coverage. Resistant to abrasion, rubber scuff marks and accidental spillage of commonly used household liquids. Particularly suitable for high foot traffic environments such as schools, offices and restaurants. Easy to apply, with an extraordinarily clear, wettable and sandable natural-look finish. Contains no NMP and complies with regulation 2004/42/EC (high performance two-component paint, Cat. J, limit value 140). Available as gloss, satin and super-matte finish versions.

## PRODUCT CHARACTERISTICS:

Chemical base:	synthetic resin in water emulsion
Viscosity:	18-20 sec. (No. 4 Ford cup)
Specific weight:	1.01 g/cm <sup>3</sup>
Catalyst ratio:	10:1
Pot life:	2-3 hours
Dilution:	not necessary – if required, may be diluted with demineralised water or DILUENTE ECO R thinner

**Application:** roller or brush

**Yield:** 80-100 ml/m<sup>2</sup> per coat

**Taber test (1000 rotations, 1000 grams, CS-10 wheel): 14 mg.**

Adhesion (cross hatch test): 100 %

Application temperature: from +10°C to +25°C

Drying time: dust-free drying time approx. 30 min.  
tack-free drying time approx. 60 min.

**Sandable time:** approx. 12 hours

Time between coats: approximately 12 hours.

Definitive curing time: 48-72 hours

**Gloss level:**  
LUX 85 ±5 gloss  
SAT 45 ±5 gloss  
SUPER-MATTE 5 ±5 gloss

VOC content: 90 g/l

Storage temperature: from +5°C to +25°C

Storage shelf life: 12 months in original, unopened containers

Cleaning: with water, while product is still wet

**Usage:** indoor

Safety instructions: See safety data sheets

Packaging: component A: 5 l drums; component B: 0.5 l bottles  
carton containing 2 containers of each component, total 11 l

**INSTRUCTIONS FOR USE:** Ensure that the wooden flooring has a moisture content between 7% and 11% and is prepared correctly by sanding with 180-220 grit abrasive paper and then vacuuming thoroughly. Apply a coat of Lechner primer (FONDO CH 7 SPECIAL, COMFORT PRIME K1, COMFORT PRIME K2, ECOFONDO K2), leave to dry, sand with 180-220 grit abrasive paper and vacuum. Shake the container of component A vigorously then pour into a clean recipient before applying with clean utensils. Do not shake the container of component B as this may cause excessively turbulent degassing. Slowly add component B to component A, mixing thoroughly to obtain a perfectly uniform solution. Filter the mixture and wait approximately 10 minutes before applying to prevent foaming when applying the product. Apply COMFORT K2 uniformly in the quantities recommended in this product data sheet. After applying the first coat, and observing the time between coats specified previously, a second coat may be applied, sanding lightly with 180-220 grit abrasive paper or mesh between one coat and the next. When using in high temperature conditions (above 25°C) and with low relative humidity levels, we recommend adding DILUENTE ECO R thinner (5% of total quantity of product) to improve spread, film formation and degassing.

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**OTHER INFORMATION:** It is always advisable to test the product for compatibility on unknown wood varieties to check for possible colour alteration. COMFORT K2 is compatible with all ECO Series and COMFORT Series varnish products. Do not apply solvent-based varnishes over this product. To care properly for a wooden floor varnished with COMFORT K2, we recommend cleaning periodically with ECO DAY neutral detergent or using ECO SHINE wax. Allow the product to acclimatise to ambient temperature before use. COMFORT K2 should be used as soon as possible once the container has been opened. Do not shake the container of COMFORT K2 component B vigorously. Protect from frost. The drying times indicated in the product characteristics are for an ambient temperature of +20°C and a relative air humidity of 50%. In addition to the indications given in this technical data sheet, also follow the instructions given in the technical data sheets for the other products cited herein.

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**INSTRUCTIONS FOR SAFETY AND DISPOSAL:** Read the relative product safety data sheet before use. Protect the hands with gloves or during use. Observe applicable safety regulations. Do not dispose of residual product on soil, in surface water or in drains. When disposing of the product and other waste produced during usage, comply with the terms of Italian Law Decree 152/2006 and subsequent modifications (Unified Environmental Law). For more information, contact our technical support service. The contents of this sheet replace and supersede the contents of the previous edition.

NOTE: The information given herein is based on our extensive theoretical and practical knowledge. However, as it is impossible to go into exhaustive detail herein, the contents of this sheet are not binding in nature. Please contact our technical service in case of any doubt.