

# Lechner

SOLUTIONS FOR PROFESSIONAL CONSTRUCTION



## FIELDS OF APPLICATION

-  RESILIENT LINE
-  WOOD LINE
-  MARINE LINE
-  ARTIFICIAL GRASS LINE
-  EQUIPMENT AND ACCESSORIES LINE

# ECO K1

SINGLE-COMPONENT, WATER-BASED POLYURETHANE VARNISH FOR PARQUET WITH HIGH RESISTANCE AND TONE

## DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Single-component polyurethane finishing varnish for parquet, in water emulsion, toning, ideal for high traffic rooms, with high covering power and excellent resistance to abrasion and scuffing. Featuring exceptional transparency, wettability, sandability and ease of application. NMP-free and compliant with the 2004/42/CE regulation (cat. I high-performance single-component paint, limit value 140.)

### PRODUCT FEATURES



**Application**  
Short-haired roller



**Application**  
Brush



**Suitable for indoor use**



**Dust-free time** 30 minutes  
**Mark-free time** 60 minutes  
**Sanding time** 12 hours  
**Commissioning time** 36-48 hours



**Chemical base**  
Polyurethane resins in water dispersion



**Degree of gloss**  
Lux: 85 gloss, Sat: 45 gloss, Matt: 15 gloss



**Taber test**  
(1000 rotations, 1000 grams, CS-10 wheel): 7 mg



**Storage**  
12 months in the original sealed containers



**Yield**  
80-100 ml/sqm per coat



**Operating temperature**  
+10 - +25 °C



**Mix before use**



**Cleaning**  
Water (while the product is fresh)



**Protect from frost**

**Product conforms to 2004/42/EC regulations:**

Single component high performance paint cat. I, limit value 140. VOC content of the ready-for-use product 47 g/l.



**N-Methyl Pyrrolidone free product**

### USAGE

Make sure that the wood floor has a moisture content between 7% and 11% and that it has been properly prepared, that is, sanded with 180/220 grit paper and entirely vacuumed. Apply one coat of water-based primer (COMFORT PRIME K1); after drying, sand with 180/220 grain sandpaper and vacuum. Stir the contents carefully before use. Pour the product into a clean container, filter, wait about 10 minutes and use clean tools. Spread ECO K1 evenly and in the quantities recommended in this sheet. After the drying of the first coat, respecting the overlapping times mentioned above, it is possible to proceed with the application of a second coat, taking care to make a light sanding with paper or abrasive net of 180-220 grain between coats. It is advisable to add ECO R THINNER (5% of the total product) in case of high temperatures (higher than 25°C) and low humidity, in order to help the varnish to spread, film and degas.

**WARNINGS:** The data provided in this data sheet reflect our best theoretical and practical knowledge. However, since it is not possible for us to go into every detail, such information should not be considered as binding. In cases of doubt, please contact our technical offices.

### OTHER INFORMATION

It is always advisable to carry out compatibility tests on unfamiliar wood species in order to assess any variations in color. ECO K1 is compatible with all ECO and COMFORT SERIES coatings. Do not apply solvent-based coatings afterwards. For the correct maintenance of wooden floors coated with ECO K1, we recommend the periodic use of ECO Day neutral soap or ECO Shine self-polishing wax. Allow the product to reach the ambient temperature in which it will be used. ECO K1, once opened, should be used in the shortest time possible. Protect from frost. The drying times indicated in the characteristics refer to an ambient temperature of +20°C and a relative air humidity of 50%. In addition to the instructions given in this data sheet, follow the instructions described in the data sheets of the other products mentioned here.

### INSTRUCTIONS

**FOR SAFETY AND DISPOSAL:** Consult the relevant safety data sheet before using the product. Gloves are recommended during use. Ventilate the room during and after use. Follow applicable safety regulations. Do not dispose of any residue into the ground, waterways or drains. For the disposal of the product and other waste deriving from the activity, scrupulously follow the provisions of the DLgs. 152/2006 and s.m.i. (Environmental Consolidation Act). For further information please contact our Technical Assistance Department. The content of this sheet integrates and replaces and cancels the previous one.