Lechner
SOLUTIONS FOR PROFESSIONAL CONSTRUCTION

WP K2

PAINT WITH NATURAL EFFECT

TWO-COMPONENT, WATER-BASED, POLYURETHANE VARNISH
FOR WOOD FLOORING WITH NATURAL-EFFECT

DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Two-component polyurethane finishing varnish in water emulsion, gives wood a "natural effect". Its innovative formulation with selected resins gives the varnish excellent resistant to abrasion and scuffing, also suitablefor high traffic areas such as: schools, offices, restaurants and shops. To obtain the natural look given by WP K2, we recommend combining it with the WP PRIME K2 product (two-component water-based primer).. Product conforms to 2004/42/CE regulation (Two-component high performance paint cat. J, limit value 140). Available in glossy, satin and matt versions.

PRODUCT FEATURES

Application
Microfibre roller 6 mm or 8 mm pile

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

Catalysis ratio
10:1 (A:B)

Pot life
2-3 hours

Chemical base
Polyurethane resins in water dispersion

Degree of gloss
Sat: 50 gloss, Matt: 10 gloss

Taber test
(1000 rotations, 1000 grams, CS-10 wheel): **10 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:
Two-component high performance paint cat. J, limit value 140. VOC content of the ready-for-use product 71 g/l.

CERTIFICATIONS

Solvent-free product

METHOD OF USE

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. Shake part A vigorously before pouring into a clean container and then use clean tools. Do not shake Part B to avoid too turbulent degassing. Slowly pour component B into part A, taking care to mix it thoroughly until a perfectly homogeneous solution is obtained; filter and wait about 10 minutes to avoid foaming during application of the paint. Spread a first coat WP K2 (aprox. 100 g/sq.m.) wait for the first coat to dry, sand with 180-220 grit papaer or abrasive mesh, vacuum and apply the second coat WP K2 (aprox. 100 g/sq.m.). It is advisable to add DILUENTE E (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.

OTHER INFORMATION

It is always advisable to carry out compatibility tests on unfamiliar wood species in order to assess any variations in color. WP K2 is compatible with Lechner COMFORT PRIME K1 and COMFORT PRIME K2 primers. Do not apply solvent-based coatings afterwards. For the correct maintenance of wooden floors coated with WP K2, we recommend the periodic use of neutral soap WOOD CLEAN V neutral soap. Allow the product to reach the ambient temperature in which it will be used. Once WP K2 is opened, it should be used in the shortest time possible. Do not stir WP K2 Part B vigorously. 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.

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.

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