Lechner
SOLUTIONS FOR PROFESSIONAL CONSTRUCTION

COMFORT K1

SINGLE-COMPONENT, WATER-BASED, NATURAL-EFFECT
ACRYLIC-POLYURETHANE VARNISH FOR WOOD FLOORING

PAINT WITH NATURAL EFFECT

DESCRIPTION AND USES

PRODUCT FOR PROFESSIONAL USE ONLY

Single-component acrylic-polyurethane finishing varnish for wood flooring, based on synthetic resins in water emulsion with excellent covering power and good resistance to abrasion and scuffing. With exceptional transparency, wettability and sandability, easy to apply and with a "natural" effect. Suitable for normal to heavy traffic environments. Product compliant with the 2004/42/CE regulation (cat. I high-performance single-component paint, limit value 140.) Available in glossy, satin and matte versions.

PRODUCT FEATURES

Application
Short-haired roller

Application
Brush

Suitable for indoor use

Dust-free time 30 minutes
Mark-free time 50 minutes
Sanding time 6 hours
Commissioning time 36 hours

Chemical base
Synthetic 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): **15 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)

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 49 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. Stir the contents carefully before use. Apply a coat of Lechner primer (COMFORT PRIME K1). After drying, sand with 180/220 grain sandpaper and vacuum. Pour the product onto a clean container, filter, wait a few minutes and use clean tools. Spread COMFORT K1 evenly and in the quantities recommended in this sheet. After the drying of the first coat, respecting the recoating times mentioned above, you can proceed with the application of a second coat taking care to carry out a light sanding with paper or abrasive mesh of grain 180-220 between coats. 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. COMFORT K1 is compatible with FINISH SERIES and COMFORT SERIES finishing products. Do not apply solvent-based coatings afterwards. For the correct maintenance of wooden floors coated with COMFORT K1, we recommend the periodic use of WOOD CLEAN V neutral soap. Allow the product to reach the ambient temperature in which it will be used. Once COMFORT K1 is opened, it 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.

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.

Lechner S.p.A. • 15061 Arquata Scrivia (AL) Italy • p. +390143636103 • info@lechnerspa.it