

High Solid 2-component primer for wood flooring

# PALL-X 333

Solvent-free 2-component wood floor primer with very strong color enhancement

## PRODUCT DESCRIPTION:

Solvent-free 2-component wood floor primer for all standard European wood types under the 2-component wood floor lacquers PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or under the 2-component wood floor oil MAGIC OIL 2K ORIGINAL. By adding PALL-X 333 C COLOR CONCENTRATE as the third component, wood floors can be primed and colored in one application.

## AREA OF APPLICATION:

Combination of liquid oils, suitable for enhancing the natural colour of standard European hard wood floors before application of PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or MAGIC OIL 2K ORIGINAL. By adding PALL-X 333 C COLOR CONCENTRATE as the third component, wood floors can be primed and colored in one application.

## SUITABLE FOR:

- ▶ sanded wood flooring with filled joints
- ▶ use on wood floors installed over warm water underfloor heating systems



## PRODUCT BENEFITS / PROPERTIES:

- ▶ emphasizes the color and structure of the wood
- ▶ fire protection Cfl-s1 (lacquer PALL-X 98 GOLD, minimum thickness solid wood 19 mm, density 480 kg/m<sup>3</sup>, moisture content 9%)
- ▶ corresponds to TRGS 617
- ▶ EMICODE EC 1 / Very low emission



## TECHNICAL DATA:

Packaging:	metal container + plastic bottle
Packsizes:	0,8 + 0,2 l
Shelf life:	at least 12 months
Mixing ratio:	4 : 1 4 : 1 : 1 in combination with PALL-X 333 C COLOR CONCENTRATE
Consumption per coat:	approx. 25 - 50 ml/m <sup>2</sup>
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Pot life:	approx. 1 hour*
Further applications:	In principle after approx. 12 hours* with PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or MAGIC OIL 2K ORIGINAL. <b>Exception:</b> PALL-X 333 C COLOR CONCENTRATE after approx. 24 hours* with PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or MAGIC OIL 2K ORIGINAL.

\*At 20 °C and 50 % rel. humidity

Consumption can vary according to the absorbency and condition of the surface of the wood or parquet to be impregnated.

## NOTE:

The user is required to create a sample area identical to construction and work routine (including oil or lacquer) on the wood floor that will be performed to the customer. This is to get the customers approval regarding color and appearance.

## SURFACE PREPARATION:

The surface to be primed must be filled, clean, dry, free of impurities and sanded in accordance with the recognized industry standard. Furthermore, after the last sanding process - immediately before the surface is primed - the entire area has to be wiped once with a cloth moistened with clean water. This creates the following benefits:

- ▶ The color enhancement will be more intense and more uniform.
- ▶ The primer can penetrate better.
- ▶ If required, by the fine-sanding the compressed wood surface will return to be "open".
- ▶ Abrasion marks will be softened.
- ▶ The wood surface appears more consistent.
- ▶ Wood contaminants will be washed out.
- ▶ "Bleed back" from the joints is prevented.

### Work instruction:

1. Wash the entire wood floor area with clean water, using a wrung out cotton cloth or PALLMANN MOP. Caution: Untreated areas can appear optically bright later.
2. Volume of water max. 30 g water/m<sup>2</sup>!
3. Optimum volume of water approx. 10 - 20 g water/m<sup>2</sup>.
4. After complete drying of the surface area - approx. 30 - 60 minutes, PALL-X 333 can be applied.

## APPLICATION:

1. Before use, both containers must be brought to room temperature (20 °C) and must be stirred well.
2. Mix PALL-X 333 (if colour is required, mix thoroughly with the PALL - X 333 C COLOR CONCENTRATE and then) with the hardener component and, using a PALLMANN TROWEL, apply evenly to the surface.
3. Working in areas - no bigger than 30 m<sup>2</sup>.
4. No longer than 10 minutes after trowel application, remove excess product with the PALLMANN CLEANING PAD BEIGE.
5. After approx. 20 minutes the surface must be rebuffered with a PALLMANN CLEANING PAD WHITE to achieve a consistent result.
6. Polish the entire area by using a cotton cloth.
7. Some species of wood may require a second coat after drying over night in good drying conditions. Apply as many coats as required for the wood to become completely saturated.
8. After use, clean tools with UZIN CLEAN-BOX (cleaning wipes).
9. **Over-coating:** After 12 hours\* with PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or MAGIC OIL 2K ORIGINAL. **Expection:** In conjunction with PALL-X 333 C COLOR CONCENTRATE after 24 hours\* with PALL-X 98 GOLD, PALL-X ZERO, PALL-X PURE or MAGIC OIL 2K ORIGINAL. If working with MAGIC OIL 2K ORIGINAL drizzle the oil economically (approx. 15 ml/m<sup>2</sup>) and work the oil into the floor by using PALLMANN CLEANING PAD WHITE. Remove all excess oil from the surface.

\*At 20 °C and 50 % rel. humidity.

## IMPORTANT NOTE:

Sanding dust of oxygen-drying systems are inflammatory - fire risk! After conclusion of sanding works the resulted sanding dust must be soaked with water and be disposed into closely locked air tight, fire proof containers!

Contact of the product with pads or textile materials produces a risk of spontaneous combustion. Therefore, soak any cloths, pads, etc. with water and keep / dispose in tightly sealed air tight, fire proof containers.

## IMPORTANT NOTES:

- ▶ Optimum temperature is 18 to 25 °C with the relative humidity > 35 % and < 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- ▶ Many exotic woods such as Teak, Ipe Lapacho, smoked Oak or Wenge as well as softwoods contain ingredients (e.g. so-called inhibitors, resins or mineral storages) which can lead to significant drying delays, wetting disturbances or colour changes. Due to the variety and different qualities of these woods, the species should be established and testing carried out before coating.
- ▶ Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from freezing and do not expose to temperatures over 40 °C.
- ▶ After adding the hardener do not re seal the container to avoid the risk of excessive expansion of mixed product.
- ▶ For boards that have visible joints or/and are bevelled, we recommend to obtain technical advice.
- ▶ The consumption on end grain wood can increase significantly (approx. 140 ml/m<sup>2</sup>). Where end grain is to be coated you should work with roller application and the drying time should be 72 hours before over-coating.
- ▶ For structured wood floors, apply/trowel up the oil at points and immediately spread it thinly and evenly with the PALLMANN CLEANING PAD BEIGE. Remove excess oil with the PALLMANN CLEANING PAD WHITE. All excess oil has to be removed from the surface.
- ▶ For larger areas and to avoid differences in sheen level, we recommend that all containers and colour concentrates are first poured into one container and then mixed with the hardener component in adjusted quantities.
- ▶ Coloured, oiled wood floor surfaces are unique. Slight colour irregularities are acceptable and often unavoidable.
- ▶ Some yellowing of the timber may occur (dark yellowing).
- ▶ The following standards and notices are applicable and especially recommended: DIN 18356 "Working with parquet and woodblocks" and DIN 18365 "Working with floor coverings".

**PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:**

Solvent-free. Component A: Non-flammable but risk of spontaneous combustion (see "Important Note" below). Component B: Non-flammable. Contains pre-polymerised isocyanate. Harmful if inhaled. May cause an allergic skin reaction. May cause respiratory irritation. Both components: Provide good ventilation during and after use. Use barrier cream and protective gloves / goggles. Avoid contact with skin or contact with eyes. After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Observe safety information on product label as well as safety data sheet.

**DISPOSAL:**

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste.