

# Product Data Sheet

2-component bonding agent for wood floors

# PALL-X 350

Water-based 2-component polyurethane bonding agent for refinishing wood floors without full sanding

## PRODUCT DESCRIPTION:

Water-based 2-component polyurethane primer for the treatment of existing finished or oiled surfaces without full sanding of the existing surface.

## SUITABLE FOR:

- ▶ oiled and sealed wood flooring
- ▶ use on wood floors installed over warm water underfloor heating systems



## PRODUCT BENEFITS / PROPERTIES:

- ▶ fast drying
- ▶ very flexible connection to a variety of surfaces
- ▶ corresponds to TRGS 617
- ▶ Water-based seal with linking agent containing isocyanate, solvent content less than 15 %.

## TECHNICAL DATA:

Packaging:	plastic container
Packsize:	0,75 + 0,25 l
Shelf life:	at least 12 months
Mixing ratio:	3 : 1
Consumption per coat:	approx. 20 - 35 ml/m <sup>2</sup> (1 x roller application) approx. 10 ml/m <sup>2</sup> (2 x trowel application)
Coverage:	approx. 30 - 50 m <sup>2</sup> /litre (roller application) approx. 100 m <sup>2</sup> /litre (trowel application)
Working climate:	between 18 – 25 °C and 35 – 65 % relative humidity
Pot life:	approx. 1 hour*
Further coats:	after approx. 1 hour* at the latest after approx. 4 hours*

\*At 20 °C and 50 % rel. humidity.

## NOTE:

Before applying PALL-X 350 an intensive basic cleaning of the surface must be carried out. Due to the wide range of existing surfaces it is necessary to ensure compatibility and the desired bonding and levelling results. In special cases or if the substrate isn't clear, technical advice must be obtained.

## SURFACE PREPARATION:

The surface to be treated must be clean, dry, free of impurities. For existing UV-dried prefinished or preoiled multi-ply wood floors, varnished or oiled massive wood floors and all wood floor surfaces covered with a layer of a surface care product, a basic cleaning must be carried out according to the manufacturer's instructions. In special cases or if the substrate isn't clear, technical advice must be obtained.

**Attention: Care products can act as release agents!**

## APPLICATION:

1. Before use, both containers must be brought to room temperature (20 °C) and must be shaken well.
2. Mix components A and B at a mixing ratio of 3:1 and leave the mixture for 5 minutes to allow the included air to evaporate.
3. Apply PALL-X 350 with the APPLICATION ROLLER SOLVENTBASED 4MM/25CM and use adequate pressure to ensure an even coverage. Consumption: approx. 20 - 35 ml/m<sup>2</sup>. Ensure that the entire substrate is evenly wetted and avoid any overlap. Alternatively PALL-X 350 can be applied with a PALLMANN TROWEL at a consumption of approx. 10 ml/m<sup>2</sup> per coat.
4. Allow a drying time before overcoating of approx. 1 hour, maximum within 4 hours.
5. Use PALL-X 96, PALL-X 98, PALL-X PURE, PALL-X SPORT or PALL-X ZERO 2K as a top-coat layer, applied according to the manufacturer's specifications.
6. After use, dispose rollers and clean trowels with water.

## 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.
- ▶ The consumption on end grain wood can increase significantly (approx. 30 - 40 ml/m<sup>2</sup>).
- ▶ The following standards and notices are applicable and especially recommended: DIN 18356 "Working with parquet and woodblocks", DIN 68702 „Woodblock RE-V/ RE-W“.

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Water-based seal with linking agent containing isocyanate, solvent content less than 15 %. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. Component A: Requires no special protection or precautions in general use. Component B: 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. Once cured, has a neutral odour and presents no physiological or ecological risk.

## 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. Therefore collect waste material, mix both components and allow to harden, then dispose as Construction Waste.