



PALL-X COLOUR

Water-based wood flooring stain for individual colour design

Description:

Water-based wood flooring stain for individual colour design of wood flooring surfaces prior to finishing with PALL-X NANO and PALL-X 98.

Suitable for the surface treatment of:

- sanded parquet and wood floors
- fully sanded engineered floors
- suitable for use over underfloor heating
- suitable for the following types of wood: oak, ash, beech, maple, spruce, pine (please consult our Application Technology Department for other types of wood)

Important Notes:

The final colour depends on many factors such as the wood properties and sanding. A test should therefore be carried out including the staining, priming and sealing of the original parquet flooring. The colour should only be assessed after thorough drying of the surface. Colour differences, uneven colouring, marks etc. do not constitute a fault in the product, but are the responsibility of the user!

Standard Colours:

- white
- grey
- black
- dark-brown
- light-brown
- black-brown

Product Properties /Benefits:

This water-based wood flooring stain is suitable for use with wood floor finishes PALL-X NANO and PALL-X 98. Pall-X COLOUR increases the range of colours and the design possibilities for the flooring installer.

- Standard colours (special colours available on request)
- Ready to use
- Can be applied using a roller
- Easy to achieve effective results

Technical Data:

Packaging:	Plastic canister
Packsizes:	4 kg
Shelf life:	approx. 6 months
Consumption per coat:	100 – 150 g/m ² (1)
Working temperature:	18 – 25 °C
Ready for over coating:	after 12 hrs*

* Under normal climatic conditions.

(1) The consumption may vary depending on the absorbency and surface properties of the wood or parquet flooring to be stained.



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Surface Preparation:

The surface treatment can be started after complete hardening of the adhesive. The surface must be free of dirt, oil, wax and silicon. Carry out preliminary sanding using a belt sanding machine with Pallmann ABRASIVE PAPER, 36 to 60 grit. Then fill in the joints using Pallmann PALL-X KITT. In the case of stained wood flooring in particular, the joints must be filled in carefully in order to ensure a consistent colour. Then sand again with Pallmann ABRASIVE PAPER, 100 grit (belt sanding machine). Due to the very high requirements on the surface quality of stained floors, the surface should finally be sanded again with a Pallmann PERFORATED PAD (MULTILOCHPAD), 120 grit.

Note:

The edge area should be sanded with the same grit of paper to ensure the evenness of the surface finish! After the last fine sanding, the surface to be stained must be clean and dry and free of any sanding dust or dirt.

Application:

1. Allow the container to come up to room temperature before use, and shake well.
2. Apply PALL-X COLOUR evenly to the surface using a Pallmann APPLICATION ROLLER. The stain must be applied with the grain (if possible in direction of light). In order to avoid marking, the parquet flooring should be coated with PALL-X COLOUR to the point of saturation. Note: The edge area should be stained using a Pallmann COLOUR APPLICATION ROLLER. The overlapping and edge areas should be rolled out carefully in order to avoid rolling marks.
3. The stained surface must be left to dry overnight.
4. If the wood surface is not saturated enough, a second application of PALL-X COLOUR must be done.
5. After drying overnight, the surface must be treated with a white pad (single disk machine with extraction). In order to remove excess stain, we recommend that the pad is changed regularly. The wearing of a dust mask with a P2 filter is also recommended.
6. Clean the finished surface thoroughly using a vacuum cleaner.
7. Apply the ALLBASE primer evenly and generously using an LSM APPLICATION ROLLER (for solvent-based finishes). The primer must be applied in 2 layers in accordance with the product data sheet.
8. The primed surface can be over coated with PALL-X NANO and PALL-X 98 after a drying time of 2 – 3 hrs. in accordance with the product data sheets.

Important Notes:

- Can be stored in the original container at reasonably cool temperatures for at least 6 months. Protect against frost and do not expose to temperatures above 40 °C. Reseal the opened container tightly and use the contents as soon as possible.
- Best working temperature 18 – 25 °C, relative humidity > 35 % and < 65 %. Low temperatures and high humidity will increase the drying time, high temperatures and low humidity will reduce it.
- PALL-X COLOUR must not be sanded, and should only be painted over after 12 hours.
- In the case of chamfered individual boards, it should generally be assumed that this special type of joint should be treated separately. It is unavoidable that the application of PALL-X COLOUR will fill in chamfered joints, so that these must be treated separately with a pad.
- PALL-X COLOUR wood flooring stain cannot be applied with a spatula.
- Under medium loads, the surface is set to foot traffic after application of the last coat after drying overnight.
- Freshly sealed surfaces should be not covered with natural carpeting or other floor coverings, or heavy objects placed on the floor, for at least 8 days.
- Freshly finished surfaces should be treated with FINISH CARE after 8 days. Regular maintenance care with FINISH CARE improves the appearance and increases the life of the finished surface. The surface should only be wiped down damp (not wet!), continuous exposure to water must be avoided.
The following standards and data sheets should also be observed: DIN 18 356 "Wood flooring work".

Protection of the Workplace and the Environment:

Water-based parquet flooring stain, solvent content below 15 %. Avoid contact with the skin wherever possible, wear protective gloves (PVC) if necessary. The use of a skin protection cream and the ventilation of the working area is recommended during application.

Disposal:

Collect and use remaining product wherever possible. Do not allow the product to get into the drainage system, water or earth. Completely empty plastic containers can be recycled. Containers with liquid remains and collected liquid product residues are special waste. Containers with hardened remains are construction site waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer.

The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our homepage under www.pallmann.net

