



# PALL-X 325

Water-based 1-component roller or trowel applied primer for highly absorbent wood flooring constructions with the risk of edge-bonding

## Description:

Water-based 1-component primer for pre-treatment of wood flooring surfaces prior to sealing.

Especially suitable for the surface treatment of:

- Sanded parquet and wood flooring
- Fully sanded pre-finished wood flooring
- Structural interior decorative wood
- Suitable for use on warm water underfloor heating systems

## Note:

Highly recommended for use where highly absorbent timbers, such as beech, maple, ash, etc. are to be sealed, and where no enhancement of the wood grain is required.

## Product Properties / Benefits:

Water-based 1-component wood flooring primer for trowel- or roller- application and with a bright, consistent appearance. Very reliable finish and easy application on highly absorbent timbers.

- Ready to use
- Easy to apply
- Very good filling capacity
- Spotless appearance
- Minimises edge-bonding
- Does not enhance the grain

## Technical Data:

|                      |                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------|
| Packaging:           | plastic canister                                                                               |
| Packsize:            | 5 and 10 litre                                                                                 |
| Shelf life:          | min. 12 months                                                                                 |
| Colour:              | white-opaque                                                                                   |
| Consumption:         | approx. 100 ml/m <sup>2</sup> 1 x roller coat<br>approx. 60 ml/m <sup>2</sup> 2 x trowel coats |
| Working temperature: | 18 – 25 °C                                                                                     |
| Touch dry:           | after approx. 60 minutes* roller-applied<br>after approx. 45 minutes* trowel-applied           |
| Further coats:       | after approx. 120 minutes* roller-applied<br>after approx. 60 minutes* trowel-applied          |

\*Under normal climatic conditions.



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## Surface Preparation:

Once the flooring has been correctly installed, and after any required drying and curing times for adhesives has been met, the following minimum preparation must be carried out. The floor must be free from dirt, oil, wax and silicone. Pre-sand the surface using a drum sander fitted with Pallmann ABRASIVE GRADE 36 to 60 grit. Then fill the joints with PALL-X KITT mixed with fine sanding dust. Sand with Pallmann ABRASIVE GRADE 80/100 grit (using a drum sander) where there is a demand for a very high quality surface finish; sand again using the Pallmann ABRASIVE GRADE 120 grit using a rotary sanding machine. After the final sanding, the floor must be clean, dry and free from sanding dust and contamination.

## Application:

1. Before use, allow the containers to come to room temperature and shake well, then decant the contents into a clean bucket.
2. Apply a full and even coat of PALL-X 325 onto the surface using the Pallmann ROLLER (for water-based lacquers). If the primer is to be trowel-applied, apply at least 2 coats with crosshatched trowel strokes so as to avoid trowel marks and residual product.
3. The primed surface is ready for sealing after:  
approx. 120 minutes for roller application;  
approx. 60 minutes for trowel application
4. The primer does not need to be left overnight to dry and must, in all cases; receive at least one seal-coat within 18 hours.
5. After use, clean tools with water.

## Consumption:

1 x roller coat or 2 x trowel coats are recommended:

| Method:          | Consumption:                  | Coverage per litre:       |
|------------------|-------------------------------|---------------------------|
| 1 x roller coat  | approx. 100 ml/m <sup>2</sup> | approx. 10 m <sup>2</sup> |
| 2 x trowel coats | approx. 60 ml/m <sup>2</sup>  | approx. 17 m <sup>2</sup> |

## Important Notes:

- Shelf life minimum 12 months in original packaging when stored in dry conditions. Protect from frost and do not expose to temperatures over 40 °C. Tightly reseal opened containers and use the contents as quickly as possible.
- Optimum conditions are 18 to 25 °C and relative humidity > 35 % and < 65 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the drying time.
- Obtain technical advice in the case of unusual (exotic) types of parquet flooring.
- In the case of fully sanded engineered boards (pre-finished parquets), the primer Pallmann PALL-X 325 must be applied twice using a trowel
- The primary treatment must not be left to dry overnight
- The primary treatment must not be sanded.
- The following standards and notices are applicable and especially recommended: DIN 18356 (Working with parquet).

## Protection of the Workplace and the Environment:

Water-based seal with a solvent content of less than 5%. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. During application, the use of barrier cream, as well as ventilation of the work areas, is recommended.

## Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, watercourses or landfill. Empty, drip-free plastic containers are recyclable. Containers with liquid residues and liquid waste product are Special Waste. Containers with hardened residues are Construction 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](http://www.pallmann.net)

