



PALL-X 98 GOLD

Water-based 2-component lacquer for wood flooring in areas of heavy wear

Description:

Water-based, 2-component lacquer for wood flooring in areas of heavy wear and in industrial locations.

Especially suitable for the surface treatment of:

- Sanded parquet and wood flooring in very heavy wear areas such as schools, offices, business premises, concert halls, hospitals, homes for the elderly, etc.
- Structural interior wood
- Fully sanded wood flooring
- Woodblock flooring
- Engineered board flooring on warm water underfloor heating systems

Note:

In principle, prime before sealing so as to avoid the detrimental effects of edge-bonding of the parquet sections – this applies especially to woodblocks, on-edge parquet, sanded board flooring and generally to wood flooring on underfloor heating systems.

Product Properties / Benefits:

Water-based, 2-component wood flooring lacquer, produced by mixing PALL-X 98 GOLD A and PALL-X 98 GOLD B (hardener). Very high resistance to heavy chemical and mechanical wear.

- 2-component system for wood flooring in high wear areas
- Excellent levelling properties
- Very good filling capacity
- Easy to apply
- Very rapid drying and curing
- Extrem high chemical and abrasion resistance
- Content of VOC less than 5% and therefore minimal odour
- EMICODE EC 1 R PLUS/Very low emission

Technical Data:

Packaging:	plastic container+ plastic bottle
Packsize (A+B):	5 + 0.5 litre
Shelf life:	min. 12 months
Lustre value:	matt, semi-gloss
Colour:	neutral-opaque
Mixing ratio:	10 : 1
Consumption per coat:	approx. 100 ml/m ²
Working temperature:	18 – 25 °C
Pot life:	min. 5 hours*
Ready for sanding:	after approx. 4 – 5 hours*
Further Coats:	after approx. 4 - 5 hours*
Final strength:	after approx. 7 days*

Quick setup:

PALL-X 320 or 325 in combination with two layers PALL-X 98 GOLD.	
Full mechanical wear:	after 24 hours*
Full chemical wear :	after 72 hours*
Final strength:	after 72 hours*

*Under normal climatic conditions.



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Surface Preparation:

Sand the surface using a PALLMANN COBRA belt sander fitted with PALLMANN ABRASIVE BELT 36 to 60 grit. Then fill the joints with PALL-X KITT mixed with fine sanding dust. Sand with PALLMANN ABRASIVE BELT 100 grit. It is recommended that you use the PALLMANN ABRASIVE GRIT or PALLMANN MULTIHOLE-PAD 120 grit, for the final sanding operation, under a PALLMANN UNO 150 rpm rotary sanding machine. After the final sanding, the floor must be clean, dry and free from sanding dust, filler residue and contamination. Then use a suitable PALLMANN primer according to the substrate type and the occupational use. Do not sand the primer or let it dry overnight.

Application: For PALL-X 98 GOLD gloss application please see separate Data sheets

1. Before use, allow both containers to come to the recommended room temperature and shake well.
2. Then decant component A into a clean bucket, add component B (hardener) and immediately blend thoroughly using suitable mixing equipment. The ideal method is to mix in the container. Thoroughly shake component A and then add component B. Immediately shake the container vigorously for 2 minutes in order to ensure even distribution of the hardener and allow to rest for 10-20 minutes - afterwards shake the container again vigorously for 2 minutes and put the supplied sieve in the neck of the plastic container.
3. Apply a full and even coat of PALL-X 98 GOLD onto the surface using the PALLMANN ROLLER (for water-based lacquers). Apply a minimum of 2 coats. Start by cutting in at edges, then roll alternately across and with the grain. In very heavy wear areas, a third coat is required.
4. **Sealing of large areas:** To avoid differences in sheen level, we recommend that several bottles are filled into a larger container, mix this thoroughly (mechanically) and ensure during processing that the complete area is applied in the same layer thickness. For 2-component lacquer-systems, make sure that the quantity mixed, can be applied within the open time.
5. Drying time until ready for sanding: approx. 4 -5 hours.
6. Before the final coat, an intermediate sanding with the PALLMANN Sanding grid grade 120 is required.
7. After use, clean tools with water.

Consumption:

Recommended quantity per coat: 100 ml/m²

Coverage per litre per coat: 10 m²

Important Notes:

- After the addition of the hardener, the container must not be resealed to avoid the risk of excessive expansion of mixed product.
- Many exotic woods such as Teak, Ipe Lapacho, Muhuhu, 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. On account of the variety and different qualities of these woods, the species should be established and testing carried out before coating.

Important Notes:

- Optimum conditions are 18 to 25 °C and relative humidity > 35 % and < 65 %. Low temperatures with high humidity lengthen and high temperatures with low humidity shorten the drying time.
- Shelf life minimum 12 months in original packaging when stored in relatively cool conditions. Protect from frost and do not expose to temperatures above 40 °C. Tightly reseal opened containers and use the contents as quickly as possible.
- In principle, do not apply more than 2 coats in one day.
- After application of the final coat, in moderate wear areas, the surface can be walked on after being left to dry overnight.
- If left to dry for more than one day, the whole area must be sanded (grade 100 – 120).before application of the next coat.
- Leave freshly sealed surfaces at least 7 days before covering, or loading with heavy objects.
- Leave freshly sealed surfaces at least 7 days before maintaining with PALLMANN FINISH CARE.
- Regular maintenance with PALLMANN FINISH CARE increases the wear life of the sealed surface.
- The following standards and notices are applicable and especially recommended: DIN 18356 (Working with parquet and wood-blocks).
- 20 minutes recommendation for even better processing and perfect quality

Protection of the Workplace and the Environment:

Water-based seal with linking agent containing isocyanate, solvent content less than 5 %. 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. 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. Use barrier cream, protective gloves and safety goggles. Provide good ventilation. 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. Does not contaminate the indoor air quality with either formaldehyde or other volatile compounds. EMICODE EC 1 R PLUS – very low emission.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, water courses or landfill. Empty, drip-free plastic containers are recyclable. Containers with liquid residues are Special Waste, those with mixed, hardened residues are Construction Waste. Collected, liquid residues are Special 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

08.2018

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