

# 5 STEPS TO LACQUERING A WOOD FLOOR

GOOD  
FOR WOOD



PALLMANN



## ROOT AND BRANCH

Sums up the PALLMANN full range offer for the installation, renovation and maintenance of wood floors.

This straight talking guide from the experts at PALLMANN will walk you through the preparation steps to ensure that everything is as it should be for a lacquered wood floor.

Some basics:

- Always bring the product to room temperature and shake bottle well.
- Light foot traffic only after 24 hours.
- 4 – 10 days for PALL-X EXTREME 2K or 7 days for PALL-X 94/96/98 should be allowed under good conditions to allow lacquer to cure (harden) fully.
- Wood floor lacquers cannot prevent the effect of sunlight on floors.
- For coating over stain systems or previously coated floors, please contact Technical Support.
- Always give your customers correct information to ensure realistic expectations.
- Use the following “5 Steps to lacquering a wood floor”.
- If you are unsure about the suitability of a floor lacquer please carry out a test.



**5** **STEPS**  
**TO LACQUERING**  
**A WOOD FLOOR**

# STEP 1



## Preparation





- PALLMANN recommend that all floors should be joint filled (PALL-X KITT, ALLKITT or UNI-KITT) if necessary.
- Sand to an appropriate standard for the timber, finishing with 100 – 120 grit, multi-hole pad under 150 rpm single disc machine.
- The floor should be free from contamination and dust.
- The room and floor temperature should constantly be between 18 – 24 degrees, the moisture of the wood 7 – 11 % and the humidity between 35 and 65 %.
- Gentle air movement is recommended but avoid excessive or no ventilation.

## STEP 2

### Priming





## PALL-X 325 Low Colour enhancement (for Oak, Ash, Beech, Pine or Maple)

- Apply one coat only with PALLMANN roller (12495) at a rate of 8 – 10 square metres per litre. Roll primer first across the grain and then immediately at 90 degrees.
- Cut in edges with a high quality paintbrush as per rate above.
- Allow to dry for 60 – 90 minutes or until touch dry.

or

## ALLBASE High Colour enhancement (for oily or exotic timbers or where there is wax contamination)

- Apply with PALLMANN roller (12493) at a rate of 10 – 12 square metres per litre.
- **2 coats are essential**, the first across the grain.
- Cut in edges with a high quality paintbrush as per rate above.
- After 60 minutes the second coat should be applied at 90 degrees to the first.
- Allow to dry for 120 minutes or until touch dry.

or

## PALL-X 333 COLOR For exotic timbers

# STEP 3



## First Coat







Must be applied same day as primer.

## All water based PALLMANN lacquers (PALL-X 94, PALL-X 96 and PALL-X 98 GOLD)

- Apply the same day as the primer.
- After primer is dry, apply lacquer by clean PALLMANN roller (12495) at a rate of 8 – 10 square metres per litre per coat.  
Roll lacquer first across the grain and then immediately at 90 degrees.
- Cut in edges with a high quality paintbrush as per rate above.
- Allow to dry overnight.

**STEP 4**



## **Cutting Back**





## STEP 4

To create a key for adhesion of final coat/s and remove grain raise.

- Using a single disc rotary machine (150 rpm) with 120 grit, multi hole pad ensure that the floor is consistently matt. Then vacuum thoroughly.

# STEP 5



## Final Coat/s





1 final coat for domestic work.



2 final coats for commercial work.

- Apply lacquer by clean PALLMANN roller (12495) at a rate of 8 – 10 square metres per litre per coat. Roll lacquer first across the grain and then immediately at 90 degrees.
- Cut in edges with a high quality paintbrush and at a rate per the above.
- Apply second final coat after 3 – 4 hours (NB if longer you may have to repeat step 4).

Wood flooring is a genuinely skilled trade which requires craftsmanship and expertise in order to achieve a beautifully finished wood floor. We believe that manufacturers should also take full responsibility for their systems. We are so confident of our products performance that we are prepared to underwrite the work that our PALLMANN Profi contractors do with our systems for 24 months\*. PALLMANN Profi contractors have to attend regular formal training at our UK training school and demonstrate that they are fully competent in 6 key areas:

- 5 steps to subfloor preparation for wood floors
- 5 steps to sanding wood floors
- 5 steps to lacquering a wood floor
- 5 steps to maintaining a newly lacquered floor
- 5 steps to “magic oiling” a wood floor
- 5 steps for the aftercare of oiled wood floors

\*In order to provide the warranty PALLMANN Profi contractors must use PALLMANN and UZIN products, adhere to strict '5 steps' guidelines and keep records of site conditions for 24 months PALLMANN guarantee form must be completed.



PALLMANN provide a range of premium quality products to ensure the installation and finish of your wood floor is of the highest standard. At PALLMANN you will find us working really hard to phase out solvent-based products, replacing them with lower solvent, water-based products. PALLMANN's water based products are safer and less harmful than traditional solvent-based products, which can damage your health and have a very strong odour.

- Most products in our range are now water-based, which have low solvent (VOC) content and subtle odour.
- Some of our products have no solvent whatsoever and rely on new technology to help shorten drying times.
- We continue to work hard and invest significantly in developing EC1 (very low solvent) compliant products.



"EMICODE" is the emission label of a German building materials association (GEV). "EC 1" marks very low emission installation materials (the highest possible classification in this system) ([www.emicode.de](http://www.emicode.de)).



The "Blue Angel", awarded by the German "Federal Environmental Agency" is the best known and most traditional German environmental label.

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