Product Datasheet

FINISH

PALL-X POWER

Waterborne hardwood floor finish for commercial or residential application

PRODUCT DESCRIPTION:

Specifically designed advances in resin and polymer chemistry for PALLMANN® PALL-X POWER give this product the power of a two-component finish plus the ease of use of a single component, leaving a floor that is stunningly beautiful.

SUITABLE FOR:

- Residential or high wear commercial usage
- Compatible with other PALLMANN® Sealers and Finishes
- May be used in conjunction with PALL-X BOND

NOTE:

BEFORE USING READ ALL DIRECTIONS AND SAFETY DATA SHEET (SDS).

FOR PROFESSIONAL USE ONLY.

This product meets or exceeds all state and federal clean air quality standards and reflects our commitment to personal health, indoor air quality and the environment.

DO NOT THIN this product.

Call the PALLMANN® division of Uzin Utz North America before using for technical advice if needed (1-866-505-4810)

Application tools: T-Bar applicator, brush, cut-in pad or waterborne roller

FEATURES - BENEFITS:

- High Durability / Chemical Resistance – Ideal for commercial or high wear residential applications
- No Hardener – No waste
- Clear – Will not amber over time
- Quick Cure Times – Fully cured in 4 days
- Superior Flow / Leveling – Forgiving application

TECHNICAL DATA:

Packaging:	1 U.S. plastic gallon (3.78 L)
Shelf life:	Min. 12 months*
Sheens:	gloss ultra matte satin semi-gloss
Color:	Milky when wet, clear when dry
Coverage:	Approx. 450 – 500 sq.ft./ gal
Working climate:	Store between 50° and 70°F (10-20°C)* and apply at room temperature 65-75°F (18-25°C) for best results**
Drying time:	Approx. 2-3 hours*, fully cured after approx. 5 days*
Sheen Level:	Ultra Matte - 10 GU Satin - 22 GU Semi-Gloss - 33 GU Gloss - 65 GU
Solid Content:	37% for Satin
VOC	< 200g/L

* Under optimal storage conditions
** Under optimal application conditions

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PREPARATION:

- **TO ENSURE COMPATIBILITY AND DESIRED RESULTS, TEST PRODUCT ON A SAMPLE BOARD OR IN AN INCONSPICUOUS LOCATION.**
- Floor must be free of all contaminants, such as wax, oily residues, or silicone. Stain, sealer, and finish results may vary widely depending on the wood species, especially on oily and resinous exotic species.
- PALLMANN® PALL-X BOND is the recommended system when recoating factory prefinished floors. Sand and prepare the wood floor in accordance to NWFA (National Wood Flooring Association) sanding guidelines. More information on these guidelines can be found at www.nwfa.org.
- If floor is stained, assure that stain is thoroughly dried in accordance with stain manufacture label directions for the product before applying sealer coat. Failure to do so may result in lack of adhesion of the sealer and/or finish coats.
- Finish may be applied directly to stain.
- For best results use a PALLMANN® SEALER over stain prior to application of finish. The PALLMANN® finishing system is a three coat system. 1 coat of PALLMANN® sealer, 2 coats PALLMANN® finish

Finishing

- Shake the container of PALL-X POWER vigorously for one minute, making sure all ingredients are well mixed.
- Failure to shake and mix finish products may result in streaking when the finish dry.
- **DO NOT ADD WATER TO THE FINISH.**

T-Bar Application

- Pour a 4” wide line of finish along the starting wall.
- Using a clean, pre-dampened T-Bar applicator, draw the applicator in the direction of the grain of wood at a slight angle.
- While keeping the wet edge in the middle of the T-Bar, move the finish puddle with the grain of wood wall to wall.
- At the end of each run, turn the applicator towards you and pad out the applicator parallel to the wet edge.
- Feather out all turns and touch up any missed areas if seen right away.
- It is important to maintain the coverage rate of 450-500 sqft per gallon.
- Do not apply thin, or overwork the finish as you are applying it.
- Failure to adhere to either of these recommendations could result in the finish drying too quickly, bubbles, streaking, visible lap lines, or sheen variances.
- Always move T-Bar with the grain of the wood.

Rolling Application

- Pour a 4” wide line of finish along the starting wall.
- Using a clean, pre-dampened PALLMANN® Waterborne Roller, draw the applicator through the finish towards you, pulling away from the wall approximately 4'.
- Move the applicator over half the length of the applicator and repeat the process from wall to wall.
- Pour a new line of finish into the finish that is on the floor, and repeat process.
- Touch up any missed areas if seen right away.
- It is important to maintain the coverage rate of 450-500 sqft per gallon.
- Do not apply thin, or over work the finish as you are applying it.
- Failure to adhere to either of these recommendations could result in the finish drying too quickly, bubbles, streaking, visible lap lines, or sheen variances.

Intercoat Abrasion

- **If using the same PALLMANN Finish for all coats**:
  - If more than 24 hours has elapsed since the last finish coat was applied, the surface must be abraded prior to applying the next coat of finish in order to ensure adhesion.
  - Always use 120 – 180 grit screen or sanding strips for best results.
  - DO NOT sand finer than 180 grit screen or sanding strip, finish failure may occur.
  - Vacuum and tack thoroughly with a lightly water-dampened lint-free cloth after abrading.
- **If using a mixture of PALLMANN finish products:**
  - The surface MUST be abraded prior to applying the next coat of finish regardless of the time frame between coats to ensure adhesion.
  - Always use 120 – 180 grit screen or sanding strips for best results.
  - DO NOT sand finer than 180 grit screen or sanding strip, finish failure may occur. Vacuum and tack thoroughly with a lightly water-dampened lint-free cloth after abrading.

ADDITIONAL NOTES:

Curing

- The curing process takes approximately 4 days.
- The floor may be walked on after 24 hours, but the floor is susceptible to scuffing or marring prior to fully curing.
- Do not use cleaner during this 4 day curing time.
- Use only a dry, untreated PALLMANN® MICROFIBER DUSTING PAD or lint-free tacking cloth during the first week of use.
- DO NOT use abrasive, acidic or harsh cleaners.

Clean-Up

- Tools and applicators should be cleaned with water.

Maintenance

- Put walk-off mats at all entrance doorways to keep out excessive dirt and grit. Sweep or vacuum as needed to clean floors with PALLMANN® MICROFIBER MOP. The recommended cleaner is PALLMANN® HARDWOOD FLOOR CLEANER.

Storage

- One-component finishes such as PALL-X POWER can be used hours or days after initial opening. Opened containers should be securely recapped and stored in a cool location until re-used. KEEP FROM FREEZING. Finish in previously opened containers should be strained prior to use to eliminate any material coagulation that may occur.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Do not handle until all safety instructions have been read and understood. Safety Data Sheet (SDS) is available at www.pallmann.us.

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 at us.pallmann.net | 09/2023

DISPOSAL:

Dispose of this product, solutions and any by-products according to the applicable laws and regulations. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains and sewers. Empty containers or liners may retain some product residues. Clean empty containers can be recycled.

INDOOR AIR QUALITY INFORMATION

Certification: SCS Indoor Advantage™ Gold

VOC content: < 200g/L, Compliant with SCAQMD 1113

VOC emission: Conforms to the CDPH Standard Method (CA 01350) V1.2-2017; TVOC emission less than 5.0 mg/m3.

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