



# PALL-X CLEAR

Waterborne, 1-component sealer ideal for use on lighter color species or where a clear, natural look is desired.

## Features

- Fast drying, easy application
- Clear when dry
- Excellent build & leveling
- Not heat-sensitive
- Good penetration/filling qualities
- Low odor, very low VOC

## Benefits

- Saves time, very forgiving
- Allows wood species' natural color to come through
- Produces great appearance when used with PALLMANN® waterborne finishes
- Rated for in-floor radiant heat systems
- Minimizes risk of sidebonding
- Non-intrusive on jobsites

## Technical Data

Packaging:	1 U.S. plastic gallon (3.78 Liters)
Color:	Milky white when wet, clear when dry
Odor:	Low, non-offending
Solids:	28%
VOC Content:	VOC does not exceed 100 grams per liter
Stability:	Minimum 12 months*
Clarity:	Clear when dry, non-yellowing
Coverage Rate:	450-500 sq. ft./gal.
Pot Life:	Not limited
Leveling:	Excellent
Defoaming:	Excellent
Drying Time:	1 to 2 hours** (high humidity and/or low temperature conditions may extend dry time)
Application Tools:	T-Bar applicator, brush, cut-in pad or roller.
Storage & Working Temp:	Store between 50 and 70°F (10-20°C)* and apply at room temperature 65-75°F (18-25°C) for best results**

USE OVER  
WHITE OR  
PASTEL  
STAINS



\* Under optimal storage conditions

\*\* Under optimal application conditions



**PALLMANN®**

wood floors. protected

# PALL-X CLEAR Directions for Use:

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

## Preparation

Sand and prepare the wood floor in accordance to N WFA (National Wood Flooring Association) sanding guidelines. More information on these guidelines can be found at [www.nwfa.org](http://www.nwfa.org). Please note that final sanding sequence will influence color depth of stain / sealer and visible scratch patterns. Prior to application of sealer or stain it always recommended to vacuum and tack with a dry, non-treated, lint free tack cloth. If applying stain to floor prior to sealer and finish coats follow stain manufacturer's recommendations for application, compatibility, and dry times.

The PALLMANN® finishing system is a three-coat system: 1 coat of PALLMANN® SEALER; and 2 coats of a PALLMANN® finish. A third coat of finish is recommended for areas where heavy traffic is anticipated both in commercial or residential applications. For best results we recommend a PALLMANN® SEALER over stain prior to application of finish.

PALL-X CLEAR is best used over white, grey, and pastel stains. PALL-X CLEAR may not be suitable for all wood species. Wood species such as American Cherry and American Walnut may be more prone to discoloration. It is recommended to perform a test in small inconspicuous area first before applying to entire floor. PALL-X COLOR is the preferred sealer for exotic and darker wood species, and darker stain colors.

**NOTE: Use separate, clean applicators for both sealer and finish applications.**

**Recommended Applicators: T-Bar, Cut-In Pad, PALLMANN® Roller, Brush**

## Finishing

Shake each container of PALL-X CLEAR vigorously for one minute making sure all ingredients are well mixed. **DO NOT ADD WATER TO SEALER!** Failure to shake and mix sealer may result in streaking when the sealer is dry.

## T-Bar Application

Pour a 4" wide line of sealer 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 sealer 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. **NOTE: 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, predampened PALLMANN® Waterborne Roller draw the applicator through the sealer 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 sealer into the sealer 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 sq. ft. per gallon, and to not over work the sealer as you are applying it. Failure to adhere to either of these recommendations could result in the sealer drying too quickly, bubbles, streaking, visible lap lines, or sheen variances.

Allow sealer to dry 1 – 2 hours before applying finish. High humidity and / or low temperature conditions may extend the dry time while increased ventilation and airflow may reduce dry time. The recommended application conditions are 65 – 80 °F / 40 – 60 % relative humidity. It is recommended that PALLMANN® waterborne sealers be well ventilated as soon as dry to the touch. This will accelerate dry and curing time and assure optimal performance of the finish coats.

## Intercoat Abrasion

PALLMANN® PALL-X CLEAR can be abraded when dry. It is recommended to use a maroon pad or sand paper above 220 grit. If abrading sealer, vacuum and tack any debris off of floor prior to application of finish. It is recommended to tack the sealer coat with a water-dampened lint free cloth prior to applying the first coat of finish.

## 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

Waterborne sealers such as Pall-X CLEAR 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.** Sealers in previously opened containers should be strained prior to use to eliminate any material coagulation that may occur.

## Disposal

Dispose of any unused/unwanted finish or containers in accordance with local, state and federal regulations.

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