



Pall-X Extreme

Water-based 1-component oil modified polyurethane finish for commercial and heavy traffic residential applications, compatible to leading 2-component finishes. Specifically engineered for tropical/exotic hardwoods, radiant floor heat applications and antique floors

- Provides a clear, natural and warm finish, which are typical for oil-based floor finishes, but without yellowing (special UV protection).
- Environmentally friendly due to non-aromatic solvents, very limited odor release during the application process.
- Fastest drying and fast curing with exceptional build and leveling properties.
- Easy to use/uncomplicated to apply, durable and wear resistant as well as a 2-component finish.
- No skin irritation, because it's free of isocyanate.



Product Properties / Technical Data:

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| Packaging: | Plastic container – available in 1.5 US-gallons e. g. 5,67 litres |
| Shelf-Life: | min. 12 months |
| Color in Container: | white |
| Gloss Levels: | a) matte = 10 – 12 b) semi-gloss = 20 – 25 |
| Content of Solids: | 33 % |
| Content of VOC: | approx. 10 % |
| Coverage: | approx. 450 – 470 sqft/gal., e. g. 110 – 130ml/m ² (subject to wood species and application technique) |
| Drying Time: | approx. 2 – 3 hours between coats – touch-dry after approx. 1 hour allow min. 24 hours before returning furniture and regular foot traffic final strength after approx. 7 days (drying time based on normal room temperature). |
| Storage and Working Temperature: | Store between 50 and 70 °F (10 – 20°C) and apply at room temperature (60 – 75 °F/18 – 25°C) for the best result. |

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Surface Preparation:

- a) Refinishing old floors – make sure the floor is free of wax, oily residue or any other contaminants. The old finish should be removed. Finish sanding with 120 – 150 grit and remove any dust before applying the first coat. Follow procedures as outlined and recommended by the NWFA.
- b) Application over stain – allow a minimum of 24 hours for oil-stains to dry before applying the first coat. Always test the compatibility on a small area before commencing with the whole project.
- c) New floors – follow the sanding procedures as outlined and recommended by the NWFA. This may vary somewhat depending on wood species. Screen before first application with 120 – 150 grit – depending on wood species. Always make sure that the floor is free of dirt and dust prior to applying the finish.
- d) **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application:

Ensure that the product is at room temperature. Shake well before using. Pallmann solvent-based floor finishes are 2-coat systems. Typically Pall-X Extreme can be used for all 3 coats. A special sealer may be recommended for special applications such as difficult exotic species (consult with your distributor). Screening prior to the final application is required. This will result in a better adhesion and smoother surface. In this case use a 120 – 150 grit screen for best results.

- Always screen between coats if there are more than 24 hours between applications.

Application techniques:

- Pall-X Extreme can be applied in different ways and with different tools. It can be applied with the T-bar (snowplow technique), with a special hydro-roller applicator, with a special brush or other foam applicators. If necessary, contact your distributor for more guidance and details.
- Always vacuum and tack thoroughly with a water-dampened cloth after screening
- Clean tools with water after use and keep them wet until the next use.

Important Notes:

- Whenever there are concerns regarding the compatibility with other finishes or uncommon wood species conduct tests on sample boards or a small area of the actual floor.
- Protect product from freezing at all times.
- Dispose of residues or waste in an environmentally responsible way. Do not allow into drains. Follow local regulations and laws. Recycle when possible.
- Ventilate freshly coated areas after product is touch-dry.

Care Notes:

The newly coated floor may be exposed to light traffic after 24 hours. However, it is susceptible to scuffing and scratching until it reaches its full hardness after approx. 7 days. Do not place any carpet or rugs over finish for at least two weeks and avoid heavy objects on the floor for at least one week.

Do not use any cleaners and/or maintenance products for a minimum of two weeks.

After this time regular cleaning and maintenance is recommended – using appropriate Pallmann cleaning and care products, available through your Pallmann distributor.

- Regular maintenance improves the appearance and increases the wear life of the floor.

General:

The above information is based on research and experience. Please contact your distributor for any additional information.

Manufacturer and distributor or dealer shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product properly. Manufacturers and/or distributors or dealers only obligation shall be to replace quantities proven to be defect.

Protection of the Workplace and the Environment:

Water-based seal, solvent content less than 15%. Suitable as a substitute material for high solvent content materials used for parquet surface treatment. Keep out of reach of children. Keep container closed during storage. Avoid contact with eyes and skin. In case of contact flush with water. Seek medical attention if irritation persists. Avoid breathing vapors. Use in well-ventilated areas. Use of protective gloves (rubber) and safety glasses is recommended.

Disposal:

Where possible, collect product residues and re-use. Empty, drip-free plastic or metal containers are recyclable. Disposal of unused product must be in compliance with all federal, local and state laws. Do not allow into drains, water courses or landfill.

