



PALLMANN® P7

Solvent and water-free, 1-component fast-setting wood floor adhesive.

Description

PALLMANN® P7 is a 1-component polyurethane rapid-setting adhesive with firm ridging and superior green grab. Its foam expansion technology reduces the chances of hollow spots making it suitable for the installation of all types of wood flooring. It is solvent and water-free, eliminating any swelling effect on moisture sensitive wood flooring species.

Recommended for/on:

- Solid flooring with no limitations on width
- Engineered wood flooring with no limitations on width
- Exotic species
- Wood flooring on radiant heat systems
- Wood flooring on most subfloors with adequate strength
- such as concrete, fortified gypsum concrete, plywood, OSB

Features

- Ready to use
- Easy to apply
- Solvent and water free
- Fast-setting and superior green
- Good ridge formation
- Suitable for most substrates

Benefits

- No mixing required – pours easily out of the bucket
- Ideal buttery consistency – effortless troweling
- Freeze/thaw stable 0°F and above
- Promotes fast and secure wood floor grab installations – no flash time required
- Promotes proper adhesive transfer flexible and board positioning
- Bonds well to concrete, gypsum concrete, plywood, OSB, and properly prepared leveling and patching compounds

Technical Data

| | |
|-----------------------|--|
| Packaging: | 3 gallon metal pail |
| Working Time: | Approx 30 – 40 minutes* |
| Stability: | Min. 12 months |
| Color: | Beige |
| Load bearing: | After approx 24 hours* |
| Sanding / Finishing: | After approx 24 hours* |
| Coverage: | 65 sq. ft per gal / 195 sq. ft per pail (using B11 trowel) |
| Final Strength: | After 3 – 5 days* |
| Freeze / Thaw Stable: | 0°F and above |
| VOC Content: | Does not exceed 10 grams per liter |
| Working °F / C: | Min. 60 – 85°F (15 – 25°C) min. 60°F at floor level |

*At 70°F (21°C) and 65% relative humidity.



FOAM
EXPANSION
TECHNOLOGY



PALLMANN®

wood floors. protected

PALLMANN P7 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).

Substrate Preparation

The substrate must be flat and level, sound, free from cracks, dry, clean and free from materials which would impair adhesion (dirt, oil, grease, curing agents and sweeping compounds). Thoroughly brush, abrade, grind or shotblast to remove weakly bonded or soft surface areas. Thoroughly vacuum off any loose material or dust. Prime absorbent, porous surfaces with PALLMANN® P104 Primer. Refer to the PALLMANN® P104 or PALLMANN® P108 product data sheet for procedures regarding substrate moisture mitigation. On substrates that conform to standards and are suitable for wood floor installation, the use of a primer is not necessary but recommended. All substrates should be tested for moisture content and moisture vapor emission levels before applying adhesive. Refer to NWFA substrate moisture testing procedures and applicable ASTM slab moisture testing standards.

For wood or concrete substrates that do not meet industry standards for flatness or level please refer to PALLMANN® primer and leveling product data sheets. For priming very uneven or rough surfaces we recommend using universal primer PALLMANN® P106 and apply leveling compound PALLMANN® P25 to min. 1 / 8" thickness to achieve improved surface levels according to manufacturer's requirements.

Application

1. Allow the contents of the container to come to room temperature before use. Once opened, peel the plastic cover from the surface and, if necessary, remove any surface skin which may have formed – do not mix in the skinned-over product.
2. Apply the adhesive evenly using the #52900 B-11 U.S Trowel (Size: 3/16 x 1/4 x 5/16). Only apply as much adhesive that can be covered within 30-40 minutes.
3. Lay the wood flooring into the adhesive bed with a light twisting motion and press or tap into place. Ensure full adhesive transfer to the back of the wood flooring.
4. Use spacers between wall and wood flooring to form a 3/4" gap for expansion. (Refer to flooring manufacturer's recommendations for specific expansion requirements). Remove the spacers immediately after the installation is complete.

Note: remove adhesive spots immediately from flooring surface using PALLMANN® CLEAN BOX wipes.

Important Notes

- Minimum shelf life 1 year in original containers stored in cool, dry conditions. Protect from frost. For opened containers, seal the adhesive surface with the plastic film and then use as quickly as possible.
- Alcohols such as methanol, ethanol, spirit, ethyl alcohol, etc., as well as alcohol vapor, can affect or, if concentrated, prevent the cure of PALLMANN® P7. Therefore, during application of PALLMANN® P7, keep well away from all alcohols and alcohol containing products, such as cleaners, thinners and synthetic resin adhesives.
- By maintaining the required standard of wood and air moisture content and adequate acclimatization, the wood can be sanded and sealed with PALLMANN® sealers and finishes after 24 hours (or less depending on relative humidity). High relative humidity can cause moisture cure urethane adhesives such as PALLMANN® P7 to set faster than the normal rate.
- Optimum working and adhesive setting conditions are 65°F – 77°F (18°C – 25°C), relative humidity < 75%. Higher temperatures and/or higher humidity will accelerate set and cure times.
- Caution: installation of wood flooring that is not dry according to standards can, in cases of high increase in air humidity, lead to damage from swelling.

Protection of the Workplace and the Environment

Precautions

CAUTION: Contains: Diphenylmethane4,4' diisocyanate, isomers / homologues, Hexamethylene-1,6-diisocyanate. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Obtain special instructions before use. Wear protective gloves / protective clothing / eye protection / face protection.

FIRST AID: IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice / attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.

Disposal

DISPOSAL should be in accordance with local, state or national regulations. Where possible, collect product residues and reuse. Do not allow into drains, watercourses or landfill. Empty, drip-free metal containers are recyclable. Collect any remaining waste material, allow to harden, then dispose of as Construction Waste.

Clean-up

Remove adhesive spills immediately from flooring surface using PALLMANN® CLEAN BOX wipes.

Coverage rate:

| Type of wood flooring | Notch | Spread Rate |
|--|-----------|------------------------|
| Prefinished or unfinished engineered with relief-back design | B11 notch | approx. 65 sq. ft./Gal |
| Engineered flooring with smooth-back design | B3 notch | approx. 70 sq. ft./Gal |
| Solid Strip or plank flooring | B11 notch | approx. 65 sq. ft./Gal |
| Cork underlayment/Softsonic | B3 notch | approx. 70 sq. ft./Gal |
| Smooth-back type flooring | B3 notch | approx. 70 sq. ft./Gal |

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