PALLMANN® P5 GRIP

Solvent and water-free, flexible STP hybrid-adhesive for wood flooring.

Description

PALLMANN® P5 GRIP is a 1-component moisture cured STP (Silane Terminated Prepolymer) hybrid adhesive that combines the powerful flexibility of a PU (polyurethane) adhesive with the advantages of modern MS (modified silane) technology. This adhesive provides a hard, yet flexible ridge during application which develops a high bond strength that dissipates shear forces.

Recommended for the installation of:

- Solid wood flooring up to 8'' wide, no limitations on length
- Engineered wood flooring, no limitations on width or length
- Exotic wood floor species
- Wood flooring over radiant heat systems
- Wood flooring on most subfloors with adequate strength such as concrete, fortified gypsum concrete, plywood, OSB.

Features

- 1-component
- Fast, high suction grab
- Excellent ridge formation
- Smooth, buttery consistency
- Will not damage or affect finish
- Solvent and water-free

Benefits

- No mixing required
- Promotes fast, aggressive, wet lay wood floor installations
- Promotes proper adhesive transfer and board positioning
- Easy, effortless troweling
- Adhesive residues can be easily removed
- No swelling effect on wood

Technical Data

Packaging:	2.5 gal. metal pail
Working Time:	Approx 30 – 40 minutes*
Stability:	Min. 12 months
Load Bearing:	After approx 24 hours*
Color:	Beige
Sanding / Finishing:	After approx 24 hours*
Coverage:	65 sq. ft per gal / 162.5 sq. ft per pail (using B11 trowel)
Final Strength:	After 5 – 7 days*
Freeze / Thaw Stable:	0°F and above
VOC Content:	Does not exceed 40 grams per liter
Working Temperature:	Min. 60° – 85°F (15° – 25°C); min. 60°F at floor level

*At 70°F and 65% rel. humidity.

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WOOD FLOORS. PROTECTED.

PALLMANN P5 GRIP 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 shot-blast to remove weakly-bonded or soft surface areas. Thoroughly vacuum off any loose material or dust. Prime absorbent, porous surfaces with PALLMANN® P104 TURBO or P108 DEFEND Primer/MVR. Refer to the PALLMANN® P104 TURBO or PALLMANN® P108 DEFEND 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 (National Wood Flooring Association) www.nwfa.org 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 our UZIN brand of substrate preparation products. More information can be found at us.uzin.com

Application

Allow the contents of the container to come to room temperature before use. Open container, peel plastic cover from the surface, and if needed, remove any skinned-over material. Do not mix in skinned-over product.

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.

Place the wood flooring board into the adhesive bed with a light twisting motion and or tap board into place. During installation it is recommended to spot check transfer coverage of adhesive. To perform this immediately after installation of one board lift to view coverage. Failure to perform this spot check could result in hollow spots or floor failure. Remove excess adhesive on surface using PALLMANN® CLEAN BOX.

Important Notes

- Shelf life minimum 12 months in original packaging when stored in cool, dry conditions. Protect from frost. In opened containers, fully cover the adhesive with the film and use as quickly as possible.
- Optimum working conditions are 60°–85°F/15°–25°C, 65% relative humidity. If optimum working conditions and industry standards are met, the floor can be sanded and finished after 24 hours.

Protection of the Workplace and the Environment

Precautions

CAUTION: Contains: N-(3-trimethoxysilyl)propyl ethylenediamine. May cause an allergic skin reaction. Causes serious eye irritation. Wear protective gloves / eye protection. Curing gives off trace amounts of methanol. Provide good ventilation during use. When working in small, enclosed or unventilated areas, a properly fitted respirator (NIOSH / MSHA APPROVED) is recommended.

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
Mosaics/parquet or smooth back engineered and under-layment	B3 notch	approx. 70 sq. ft./Gal
3/4" strip or plank up to 8"; prefinished, unfinished or engineered with relief back	B11 notch	approx. 65 sq. ft./Gal

UZIN UTZ®

YOUR FLOOR. OUR PASSION.

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