

ADHESIVE

# PALLMANN P5 GRIP

1-component moisture cured STP hybrid adhesive

**PRODUCT 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. With an extremely hard yet flexible ridge, this unique product develops high bond strength yet dissipates shear forces and reduces their damaging effect to the substrate.

**SUITABLE FOR:**

- ▶ Solid flooring up to 8” wide
- ▶ Engineered wood flooring with no limitations on width
- ▶ Exotic species
- ▶ Wood flooring on radiant heat systems
- ▶ Wood flooring on most subfloors with adequate strength

**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.

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

**FEATURES - BENEFITS:**

- ▶ 1-component – No mixing required
- ▶ Fast, high suction grab – Promotes fast, aggressive, wet lay wood floor installations
- ▶ Excellent ridge formation – Promotes proper adhesive transfer and stability and board positioning
- ▶ Smooth, buttery consistency – Easy, effortless troweling
- ▶ Will not damage or affect finish – Adhesive residues can be easily removed
- ▶ Suitable for most sound substrates – Bonds well to concrete, fortified substrates gypsum concrete, plywood, OSB, and properly prepared leveling and patching compounds
- ▶ Solvent and water-free – No swelling effect on wood

**TECHNICAL DATA:**

Packaging:	2.5 gal (9.46 L) Plastic Container 20 oz (600 ml) Grip Tube
Shelf life:	12 months
Color:	Beige
Coverage:	65 sq. ft per gal / 163 sq. ft per pail (using B11 trowel)
Working climate:	Min. 60° – 85°F (15° – 25°C); min. 60°F at floor level
Drying time:	Sanding & Finishing - after approx 24 hours*
Working time:	Approx 30 – 40 minutes*
Ready for sanding:	after approx. 24 hours*
Final strength:	after 5 - 7 days
VOC	< 10 g/L

\*At 70°F and 65% rel. humidity



## PREPARATION:

### 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](http://www.nwfa.org) substrate moisture testing procedures.

### Application

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.

1) 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.

2) 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.

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.

## ADDITIONAL NOTES:

### 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.

### Clean-up

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

## PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Read and follow all safety and environmental precautions and instructions on the packaging label and the Safety Data Sheet (SDS). The SDS is available at [www.pallmann.us](http://www.pallmann.us).

**WARNING:** This product can expose you to chemicals including crystalline silica, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## DISPOSAL:

Dispose of the product and packaging according to all federal, state, and local applicable regulations. Avoid or minimize waste generation when possible. Cardboard packaging is recyclable.

## INDOOR AIR QUALITY INFORMATION

Certification: SCS Indoor Advantage™ Gold

VOC content: < 10 g/L, compliant with SCAQMD 1168

VOC emission: Conforms to the CDPH Standard Method (CA 01350) V1.2-2017; 0.5 mg/m<sup>3</sup> or less TVOC emission.