Product Datasheet

TURBO PATCHING COMPOUND

P100

PREMIUM PLUS, Rapid-drying fine mortar for smoothing and patching up to 1″ depths

PRODUCT DESCRIPTION:

Rapid-drying fine repair mortar used to smooth and fill imperfections **up to 1″ deep** on interior surfaces before installing floor covering material. Mixed with water, this polymer-modified compound of Portland and select hydraulic cement can be applied to various surfaces, **often without requiring a primer**. Suitable for use with all floor coverings and adhesives.

AREA OF APPLICATION:

- Interior use only
- Use over concrete, cement-based leveling compounds
- Use over wood, plywood, OSB, and underlayment panels Use over well bonded adhesive residues including cutback adhesive*
- Use over quarry tile, natural stone, terrazzo
- Use over P104 TURBO and P108 DEFEND coatings Use over ceramic tile, dense and smooth coatings, metal
- Use as a embossing filler over residential sheet vinyl
- Residential and commercial applications
- Use with radiant floor heating systems

*See P104 TURBO and P108 DEFEND for additional information



TECHNICAL DATA:

Packaging:	10 lbs (4.5 kg) foil bag
Shelf life:	Up to 9 months**
Color:	Grey
Water ratio:	Mixing ratio: 2 : 1 (powder to water) Water quantity: 2.2 – 2.5 quarts per bag (2.1 – 2.4 L)
Coverage:	100 – 350 sq. ft. (9.29 – 32 m²) for skim coat*
Working climate:	50 °F (10 °C) at floor level Optimum product application 60 – 77°F (16 – 25°C) and between 40 – 60% RH
Drying time:	Foot traffic: 10 – 60 min.* Covering: 15 – 120 mins* Wood Flooring: 12 hrs*
Working time:	15 – 20 min*
VOC	0 g/L
Compressive strength	3,000 psi at 28 days ASTM C109 | air cure only

* Applied coverage refers to the product's spread rate at indicated layer thickness, based on practical application experience rather than physical properties. At 70 °F (21 °C) and 65% relative humidity. Surface profile and porosity, application depth, temperature, and humidity will affect dry time and coverage.

** In original unopened packaging, when stored indoors in dry, moderate conditions between temperatures of 50 – 90 °F (10 – 32 °C).

FEATURES – BENEFITS:

- Polymer-modified • Extreme bond and durability
- Retains mix water • Superior skimcoat application
- Fast-dry formula • 15 minutes on absorbent substrates
- High strength • Suitable for caster wheels
- SCS Global rated product • Indoor air quality certified

MADE IN U.S.A.

LEED® contributing product

PALLMANN | A brand of UZIN UTZ
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PREPARATION AND APPLICATION:

BEFORE USING, READ ALL DIRECTIONS AND THE 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.

If technical advice is needed, contact PALLMANN® (1-866-505-4810), a division of Uzin Utz North America, before using the product.

Recommended Tools: Smoothing trowel

PRODUCT PROPERTIES:

PALLMANN P100 can be trowel applied as a skim coat and feather edge up to 1" (25 mm) depth. P100 fulfills ASTM F710 patching compound requirements for moisture, mildew, and alkali resistance, including the 3,000 psi compressive strength specification for commercial application.

SUBSTRATE PREPARATION:

- The subfloor must be structurally sound, solid, dry, free from active cracks, clean, and free of all contaminants, including but not limited to dust, grease, oil, paint, wax, curing, and sealing compounds, or cleaning solution residue that would impair adhesion.
- If necessary, mechanically prepare and clean the surface by grinding, shot blasting, or sanding, and thoroughly vacuum off all loose material and dust following OSHA recommended guidelines.
- Do not use sweeping compounds.
- Any weakly bonded or soft surface material, such as loose patching compounds, leveling compounds, floor coverings, or coatings, must be removed.
- Do not apply this product over any acid-etched or chemically abated adhesive surfaces.
- Wood substrates must provide a rigid base and be securely fastened without excessive vertical movement.
- The surface of the wood must be clean and free of oils, grease, wax, dirt, varnish, shellac, and any contaminants that would impair adhesion. If necessary, sand down to bare wood.
- Do not apply PALLMANN Self-Leveling or Patching Compound products directly to fire-retardant or pressure-treated wood surfaces.

CAUTION:

Inhalation of asbestos dust may cause asbestosis or other serious bodily harm. Do not sand, grind, or disturb any surface or adhesive residue that may contain asbestos or lead, as harmful dust may result. Refer to the Resilient Floor Covering Institute's publication "Recommended Work Practices for Removal of Resilient Floor Coverings" for instructions.

APPLICATION:

1. Optimum product application 60 – 77 °F (16 – 25 °C) and RH between 40 – 60 %.
2. To mix a full 10 lb bag – Pour 2.1 – 2.4 quarts (2.0 – 2.3 liters) cold, clean water into a clean container. Do not add more water than recommended.
3. Pour in P100 and mix product vigorously for approx. one minute at an average drill speed of 300 – 450 rpm.
4. To mix smaller amounts – ratio is two parts powder to one part water. Use a margin trowel to hand stir the mixture to a lump-free paste consistency. Observe working time (15 – 20 min).
5. Apply compound to the substrate using a smoothing trowel.
6. Coverage rate at a skim coat is approx. 100 – 350 sq. ft. per 10 lb bag.
7. Product has a depth limit of 1" (25 mm).
8. Dry for foot traffic after approx. 10 – 60 min.
9. Ready for the installation of common floor coverings after approximately 15 – 120 min.
10. Storage up to 9 months in original unopened packaging when stored indoors in dry, moderate conditions between temperatures of 50 °F – 90 °F (10 °C – 32 °C). The product setting and drying characteristics may increase if the storage time is extended. The properties of the cured material are not affected.

NOTES:

- Tightly reseal the opened packaging and use the contents as quickly as possible.
- High temperatures and low humidity will accelerate the setting, drying, and readiness for covering. Low temperature, high humidity, and greater depths will delay drying. In summer, store in cool conditions and use cold water.
- Do not apply to wet surfaces. Check the surface temperature to ensure it is at least 5°F (3°C) above the dew point, and that the temperature rises during application.
- To extend working time, occasionally stir moderately. Do not retemper with additional water.
- Protect freshly applied material from drafts, direct sunlight, and direct sources of heat.
- A floor covering must protect the PALLMANN P100 application.
- Allow 12 hours dry time for use with high-performance, two-component epoxy, and wood flooring adhesives.
- Do not use for an entire area (skim coat) application below glued-down wood flooring.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgment and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this Product Data Sheet invalidates all previous product information. The respective updated version of this datasheet can be found on our homepage at us.pallmann.net | 11/2026

COMPOSITION:
Special cements, mineral aggregates, redispersible polymers, and additives.

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Do not handle until all safety instructions have been read and understood. Safety Data Sheet (SDS) is available at us.pallmann.net.

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: 0 g/L, Compliant with SCAQMD 1168

VOC emission: Low VOC Emission: 5mg/m3 or less TVOC emission per CDPH testing method

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