

Levelling compound for wood floors

PALLMANN P25

Self-levelling cement compound for wood flooring. Can be applied in thicknesses of 3 – 20 mm. Suitable for mineral and bituminous subfloors.

PRODUCT DESCRIPTION:

As a result of the novel raw material combination P25 has very good liquid flow qualities and a very uniformly smooth surface. Longer working times and thicknesses up already from 3,0 mm facilitate the processing and application possibilities in the renovation sector. Furthermore, the adhesive is meshed uniformly and effortlessly on the levelling compound. Good absorbency and a high tensile and shear strength result in a secure compound between levelling compound, adhesive and wood flooring. When using dispersion wood flooring adhesives, the good absorbency and stability of the levelling compound against moisture will lead to more safety. Because of this rapid setting of the adhesive and rapid further installation is possible.

AREA OF APPLICATION:

Self-levelling cement levelling compound with high-performance plasticiser technology for smoothing and levelling before wood flooring installation. Pumpable, for interior use only.

SUITABLE FOR:

- ▶ producing absorbent, high strength surfaces for the installation of wood flooring and laminate flooring, as well as for stress-relieving underlays UZIN Multimoll Vlies, UZIN Multimoll Top 4, UZIN Multimoll Top 9 and 15 and UZIN Multimoll SoftSonic 3 mm
- ▶ cement- and calcium sulphate-screeds, concrete, etc.
- ▶ mastic asphalt (max. 4 mm thickness)
- ▶ special demands on levels in accordance with DIN 18202, Table 3, Row 4, e.g. before wood flooring installation

Suitable as a substrate for all PALLMANN wood flooring adhesives, especially for the use of dispersion wood flooring adhesives. Suitable on warm water underfloor heating systems. For subfloors with dubious structural integrity or strength, see "Important Notes".



PRODUCT BENEFITS / PROPERTIES:

- ▶ very good levelling properties
- ▶ good absorbency
- ▶ high tensile and shear strength
- ▶ very low tension
- ▶ fine surface
- ▶ for layer thicknesses of 3.0 - 20 mm
- ▶ EN 13 813: CT-C30-F6
- ▶ Low chromate content acc. Regulation (EC) No. 1907/2006 (REACH)
- ▶ EMICODE EC 1 PLUS / Very low-emission

TECHNICAL DATA:

Packaging:	paper bag
Packsize:	25 kg
Shelf life:	at least 9 months
Water ratio:	5,5 - 6 litres per 25 kg bag
Consumption:	approx. 1,6 kg/m ² per mm thickness
Working climate:	at least 15° C on the floor
Pot life:	approx. 30 minutes*
Walkable:	after approx. 2 hours*
Set to covering:	after approx. 24 hours* at 3 mm thickness

*At 20 °C and 50 % rel. humidity



SURFACE PREPARATION:

The substrate must be sound, dry, free from cracks, clean, load bearing and free from materials that would impair adhesion. Calcium sulphate screeds must be abraded and vacuumed off.

Test the substrate in accordance with applicable standards and regulations and report any deficiencies. Weakly bonded or soft surface layers must be brushed, abraded, ground or shot-blasted. Thoroughly vacuum off the surface.

According to type and condition of the substrate, select a suitable primer from the UZIN Product Guide, e.g. UZIN PE 360. Allow primers to dry thoroughly. Always grit-blind reaction resin primers like, e.g. 2-Component Epoxy Primer-Sealer UZIN PE 460/UZIN PE 480 or PALLMANN P104 can also be used.

Refer to the Product Data Sheets for the products used.

APPLICATION:

- Put 5.5 – 6 litres of cold, clean water into a clean container. Sprinkle in the sack contents (25 kg) whilst stirring vigorously and blend to a thick yet free-flowing, lump free mixture. Use a drill with an UZIN Mixing Paddle for levelling compounds.
- Pour out the mix onto the primed surface and distribute evenly using a smoothing trowel or the UZIN Sreed Rake. Where possible, apply to the desired thickness in one coat. To improve the flow and the surface finish, the mix can be rolled whilst still wet using the UZIN Spike roller.

CONSUMPTION:

Schichtdicke	Verbrauch ca.	Gebinde / Reichweite
3 mm	4,8 kg/m ²	5 m ²
5 mm	8 kg/m ²	3 m ²
10 mm	16 kg/m ²	1,5 m ²

SET TO COVERING:

Schichtdicke	Belegreif
3 mm	after approx. 24 hours*
5 mm	after approx. 36 hours*
10 mm	after approx. 48 hours*

*At 20 °C and 50 % rel. humidity

IMPORTANT NOTES:

- ▶ Optimum temperature is 18 to 25 °C with the relative humidity > 35 % and < 65 %. Low temperatures and high humidity will extend the drying time. High temperatures and low humidity will shorten the drying time.
- ▶ Shelf life minimum 9 months in original packaging when stored in dry conditions. Protect from freezing and do not expose to temperatures over 40 °C.

- ▶ For thickness above 5 mm, fit a flexible UZIN Expansion Strip of appropriate width to any adjoining structures.
- ▶ For greater thicknesses, above 10 mm, on moisture-sensitive or weak surfaces (e.g. on calcium sulphate screeds or old adhesive residues) pre-apply epoxy resin primer, such as 2-Component Epoxy Primer-Sealer UZIN PE 460, gritted.
- ▶ Floors constructed of timber can exert high shear and pull forces. Ensure good surface- and bond-strengths of the substrate and the levelling compound.
- ▶ On substrates that have dubious surface strength, on existing floor finishes, etc., the inclusion of stress-relieving board, UZIN Multimoll Vlies or UZIN Multimoll Top 4 or UZIN Multimoll Top 9 as well as UZIN Multimoll Softsonic is recommended.
- ▶ Protect freshly prepared surfaces from draughts and sources of direct sunlight and heat.
- ▶ The following standards and notices are applicable and especially recommended: DIN 18365 (Flooring work), DIN 18356 (Working with wood flooring), DIN 18352 (Tiles and tiling work), BEB publication (Assessment and preparation of substrates), BEB publication (Technical description and processing of cement floor levelling compound), BEB publication (Assessment and preparation of substrates for floor covering and wood flooring installation).

PROTECTION OF THE WORKPLACE AND THE ENVIRONMENT:

Contains cement low in chromate acc. Regulation (EC) No. 1907/ 2006 (REACH). Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse immediately with water. In the event of skin or eye irritation, seek medical advice. When mixing wear a protective dust-mask. Use protective gloves. Presents no physiological or ecological risk when fully cured. Basic prerequisites for best possible indoor air quality following floor covering work are conformity to standards of the working conditions, as well as thoroughly dry substrate, primer and smoothing compound.

DISPOSAL:

Where possible, collect product residues and re-use. Do not allow to get into drains, sewers or ground. Empty paper packaging is recyclable. Collect waste product, mix with water, allow to harden, then dispose as Construction Waste.