



DD 2000

Solvent-based 2-component PU wood flooring lacquer for very heavy duty wood flooring

Description:

Solvent-based 2-component wood flooring lacquer for very heavy duty wood flooring.

Especially suitable for the surface treatment of:

- Sanded parquet and wood flooring in very heavy duty locations such as offices, etc.
- Wood components and timber surfaces in interior decoration
- Staircases

Product Properties / Benefits:

2-component wood flooring lacquer produced by mixing DD 2000 with DD 2000 Hardener. Has a good resistance to very heavy mechanical wear and chemical attack.

- Easy to apply
- Excellent coverage
- Rapid drying
- Strongly enhances the grain
- Roller or trowel application
- High chemical- and wear- resistance
- Excellent scratch-resistance

Note:

DD2000 contains 55 % solvent. The use of solvent-based products for sealing parquet surfaces is becoming more and more restricted, if faced with the requirement for a safer system, we would recommend the use of water-based products from the Pallmann HYDRO, or PALL-X range.

Technical data:

Packaging:	metal can
Packsize:	5 litre
Shelf life:	min. 12 months
Lustre value:	semi-matt
Colour:	colorless-transparent
Consumption per coat:	approx. 110 – 130 ml/m ²
Working temperature:	18° - 25° C
Pot-life:	approx. 3 hours*
Touch dry:	after approx. 3 hours*
Set to foot traffic:	after approx. 3.5 hours*
Ready for sanding:	after approx. 4 hours*
Final strength:	after 4 days*

*at 20 °C and standard climatic conditions



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Surface Preparation:

Once the flooring has been correctly installed, and after any required drying and curing times for adhesives has been met, the following minimum preparation must be carried out. The floor must be free from dirt, oil, wax and silicone. Pre-sand the surface using a drum sander fitted with Pallmann abrasive grade 36 to 60 grit. Then fill the joints with Uni Kitt mixed with fine sanding dust. Sand with Pallmann abrasive grade 100 grit (using a drum sander) where there is a demand for a very high quality surface finish; sand again using the Pallmann abrasive Grid grade 120 grit using a rotary sanding machine. After the final sanding, the floor must be clean, dry, and in particular, free from sanding dust and contamination, as DD systems are extremely dust-sensitive. Then, either 1 roller-coat of Pallmann Unibase, or 2 trowel-coats of Pallmann Allbase must be applied. Leave at least 60 minutes before sealing with Pallmann DD 2000.

Application:

1. Before use, allow both containers DD 2000 and DD 2000 Hardener to come to room temperature, whilst still in the cans shake each component well. Decant DD 2000 into a clean Pallmann varnish bucket, then add DD 2000 Hardener whilst stirring both components together, the mixing ratio, which must be maintained is 1:1. Mix the components well and leave for approx. 10 minutes to start the chemical reaction. Pot-life after mixing, and in a covered varnish bucket, is approx. 3 hours.
2. Apply a full and even coat of DD 2000 using the Pallmann Roller for solvent based products. A minimum of 2 coats must be applied. Begin at edges, at first across, and then with the grain. Allow the roller strokes to flow into each other. In very heavy wear areas, apply a 3rd coat.
3. Drying time before ready for sanding: approx. 4 hours. Drying time for a 3-coat system: 1st coat: approx. 4 hours 2nd coat: 5 hours.
4. Before the final coat, an intermediate sanding with the Pallmann abrasive Grid grade 100 – 120 grit is recommended.
5. Clean tools after use with a suitable thinner

Consumption:

Recommended quantity per coat: 110 – 130 ml/m²
Coverage per litre: 8 – 9 m²

Important Notes:

- Shelf-life minimum 12 months in original packaging when stored in relatively cool conditions. Tightly re-seal opened containers immediately, and use as quickly as possible. Protect containers from the ingress of moisture; otherwise a build-up of pressure is possible.
- Optimum working conditions are 18 – 25 °C, relative humidity < 65 %. Low temperatures and high humidity lengthen, high temperatures and low humidity shorten the drying time.
- For floorboards, wood-blocks, warm water underfloor heating systems and floating floors, use either water-based seals with primer or use IS-Seals, with reference to TRGS 610/617.
- Do not use mixing equipment that produces sparks, e. g. electric drills, etc.
- In moderate wear areas, after applying the final coat, the surface can be walked on after leaving overnight to dry.
- When re-sealing pre-finished parquet, refer to the recommendations of the parquet manufacturer and always conduct a bond-test.
- Leave freshly sealed surfaces at least 4 days before covering with natural fibre carpeting or other floor coverings, or loading with heavy objects.
- Leave freshly sealed surfaces at least 4 days before cleaning with Finish Care. Regular maintenance with Finish Care improves the appearance and increases the wear life of the sealed surface. Damp wipe the surface not wet! Wipe, and avoid standing water.
- DD 2000 is not suitable for use on warm water underfloor heating systems.
- To dilute, only use Pallmann DD-Thinners.

Protection of the Workplace and the Environment:

High solvent content. Flammable. Solvents in this product may form explosive air-vapour-mixture. Vapours may be harmful to health, therefore provide good ventilation during and after use. No smoking, no open flames. Do not inhale vapours. Switch off all electric devices like doorbells, refrigerators, electric stoves, etc. Use barrier cream and protective gloves. Observe safety information on product label as well as safety data sheet.

Disposal:

Where possible, collect product residues and re-use. Do not allow into drains, watercourses or landfill. Empty, drip-free plastic or metal containers are recyclable. Containers with liquid residues and liquid waste product are considered Special Waste. Containers with hardened residues are considered Construction Waste.

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 judgement 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 under www.pallmann.net

