



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

12/2010

IRSA PLATINUM 3000 Water-Based Varnish, ultra matt

For parquet, wood-floors and stairs with normal to high duty wear and tear

Basic: 1C PU-water-based varnish, **ultra matt** and ready-to-use. Environmentally compatible water-based varnish with solvent under 9%

Use and Characteristic:

IRSA PLATINUM 3000 Water-Based Varnish for parquet, wood floors, stairs and wood in interior design with normal to heavy duty wear and tear. Only partially suitable on exotic timber, i.e. only with small content of oil. (Always carry out a patch test first!). Especially on natural-light wood (e.g. maple) with requested long-term light appearance is IRSA PLATINUM 3000 also appropriate as primer. To enhance the natural blaze of wood especially **on oak wood**, prime first with IRSA PLATINUM Rollgrund PLUS+.

Its characteristic results a beautiful light impression of wood, with high duty wear and tear, very fast drying, high pore-filling capacity, easy-to-use, good sanding, resistant to household chemicals, no marks left by shoe heels, final hardness after approx. 3 days under conditions of +20°C and relative air-humidity of 55%), i.e. the surface is subjected to full wear and tear. The closed varnish-coat is also, after a longer work-in time water-resistant.

Application and Consumption:

Shake IRSA PLATINUM 3000 well before use. Insert IRSA PLATINUM 3000 for priming and final coat. Surface to be treated must be completely clean and free of dust, oil, wax, grease and other residues. We recommend to use grit 100–120 for final sanding. For high absorbing wood, e.g. beech, maple or ash do not use a spatula.

Sealing-Construction/Consumption:

Priming:

When a warm blaze of wood is requested, e.g. on oak, prime with IRSA PLATINUM Roll-On Primer.

a) Apply 2x IRSA PLATINUM 3000 Water-Based Varnish or IRSA PLATINUM SPATULA-GEL,
approx. 50g/m² per application

or

b) Apply 1x IRSA PLATINUM 3000 Water-Based Varnish or IRSA PLATINUM Roll-On Primer,
at least 100g/m², due to the absorptive capacity of wood.

Final Layer:

Apply 2-3 x IRSA PLATINUM 3000 by roll-on or brush-on with approx. 130 g/m² per application.

IRSA PLATINUM 3000 can also be applied with a spray gun. Please ask for individual advice.

No intermediate sanding after priming. **An intermediate sanding only before the final coat! (sanding agents and screen grit 120).**

Note: Standby time between each coat should not last longer than 12 hours (adhesive-problems). Otherwise a good sanding before progressing with sealing is necessary (matt sanding with grit 120).

Total Consumption: at least 360 g/m² (priming coat + final coat).

Drying times:

Drying time for the first filling with spatula approx. 10 minutes, after the second filling approx. 30 minutes. After roll-on and brush-on priming approx. 2 hours.

After each coat approx. 2-4 hours, **but not longer than 12 hours**. Otherwise a sanding of the surface is necessary.

Subjected to carefully wear and tear of the ready-sealed area after approx. 4 hours, slightly after approx. 1 day and **for full wear and tear** (e.g. carpet-laying, placing furniture) **after approx. 3 days**. As longer a new sealed floor is treated with care the first days, as longer lasts the durability of the sealing.

All drying time indications refer to normal temperature-conditions of +20°C and relative air-humidity of 55%. Care for good air-circulation (no draught!).

Higher conditions of air-humidity or lower temperatures may extremely slow down the drying process!



Tools:

IRSA offers for the IRSA PLATINUM system the IRSA Rapid-Spatula stainless, IRSA Aqua Roller, IRSA Brush. Use only appropriate tools for best results. Pre-clean tools immediately after use with soaking tissues, followed by a thoroughly cleaning with water.

Sanding Agents available at IRSA: sanding belts, rolls discs and cambers; screens and pads in different types.

Temperature of Processing:

Room-climate/subsurface and IRSA PLATINUM 3000 not below +15°C and not over +30°C.

Maintenance and Cleaning:

We recommend our IRSA Aqua Star for glossy and ultra matt surfaces. On surfaces according to DIN 18032 part 2, use IRSA Aqua Star R9. Earliest use after 3-5 days after final sealing. To remove solid dirt and for base-cleaning treat with IRSA Base Cleaner G88. Ask for the IRSA Maintenance Sets. Please note that we assume no liability for outside agents, improperly maintenance and cleaning.

We also recommend for heavy duties of wear and tear on floors (especially on entrance areas) to cover with base mats for protection and felt-stickers under chairs and special rolls by DIN 68131 for office swivel-chairs.

Safety data sheet and maintenance instructions are available on request.

Subsequent Sealing:

A subsequent sealing with IRSA PLATINUM 3000 on sealed surfaces after a basic cleaning with IRSA Base Cleaner G88 and thoroughly matt sanding (grit 100 matt sanding) is possible. Already worn out and sealed pre-fabricated parquet must be completely sanded first. On pre-fabricated parquet proof the upper layer before sanding. (individual advice recommended.) To continue with processing see "Sealing-Construction/Consumption", mentioned above.

Cautions:

Keep out of the reach of children. Care for good air-circulation during and after processing. Do not inhale sprays. Wear a mask and avoid skin-and eye-contact or immediately rinse off with clear water. Do not empty this product into drains, any stretches of water or soiled ground. Only empty couples for recycling and waste collection points.

Storage / Transportation:

Store and transport not under +6° C and not over +30° C. Shelf life in unopened original container at least 6 month. Keep opened container tightly closed and work up soon. **Protect from cold!**

VOC-identification: 2004/42/2 A(i)140;140g/l<87g/l

2004/42	year and number of EU-guideline
/2	addition 2
A	part A
()	product sub-category
---;---g/l	limit value 1.step/limit value 2.step in g/l
< ---g/l	current VOC-content