



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

02/2021

## IRSA PLATINUM 3030 2C Water-Based Varnish

For parquet, bamboo, wood-floors, OSB-boards, cork and stairs, light appearance and for normal to heavy duty wear and tear.

Basic: 2C- PU dispersion, ultra mat.

### Use and Characteristic:

IRSA PLATINUM 3030 2C is especially for normal to very heavy duty wear and tear on parquet, bamboo-parquet and wood floors, OSB-boards, stairs and wood in interior decoration. Also suitable on cork-parquet. Only partially suitable on exotic timber, i.e. only with small content of oil. Always carry out a patch test first. Priming with IRSA PLATINUM Roll-On Plus Primer or IRSA SPATULA GEL. IRSA PLATINUM 3030 2C is very easy to use, for very high wear and tear, no yellowing, light-fast, quick drying, very good sanding, resistant to household chemicals and scratches, minimum amounts of edge-gluing in addition of IRSA PLATINUM Roll-On Plus Primer or IRSA PLATINUM SPATULA GEL, high filling-capacity, non-remaining (rubber)marks left by shoe heels. A closed varnish-film is water resistant.

### Application:

Fill IRSA PLATINUM ISO-Hardener into the couple of IRSA PLATINUM 3030 2C and shake well for at least 15 sec. (Do not stir!) Varnish/Hardener-mixture can be used as primer or top-coat. (Carry out a patch test first for requested optic). Only prepare as much of IRSA PLATINUM 3030 2C + IRSA PLATINUM Hardener-mixture as you work up within 2 hours. **Mixture in ratio of 20 (varnish): 1(hardener)**. Please regard the technical data sheet of IRSA PLATINUM ISO-HARDENER. The wood-surface for sealing must be completely clean and free of dust, oil, wax, grease and other residues. We recommend a sanding of the wood-surface with sanding paper and screen grit 100-120 (final sanding).

### 1. Priming

On wood with high absorptive capacity, e.g. beech do not use a spatula. Apply IRSA PLATINUM 3030 2C by roll-on process. Especially on oak prime with IRSA PLATINUM Roll-On Plus Primer.

- a) Apply 2x of IRSA PLATINUM 3030 2C /ISO-HARDENER-mixture or IRSA PLATINUM SPATULA GEL with a spatula, approx. 50g/m<sup>2</sup> per application.  
or
- b) Apply 1x of IRSA PLATINUM 3030 2C /ISO-HARDENER-mixture of IRSA PLATINUM Roll-On Plus Primer in roll-on or brush-on process, approx. 100g/m<sup>2</sup> depending on absorptive capacity of wood.

### 2. Final Layer:

- a) Apply 2-3x of IRSA PLATINUM 3030/Hardener-mixture in roll-on or brush-on process, approx. 130g/m<sup>2</sup> per application.

**Note:** Standby time between each layer should not last longer than 1 day Otherwise a good sanding before progressing with sealing is necessary (mat-sanding grit 120).

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

**Total Consumption:** (priming + final layer) min. 360g/m<sup>2</sup> (for very heavy duty wear and tear approx.400g/m<sup>2</sup>).

### Drying time:

Drying time after the first coat with spatula approx. 10 minutes, after the second approx. 30 minutes.  
After roll-on or brush-on process approx. 2 hours. After the final layers approx. 2-4 hours.

Subjected for carefully wear and tear is the ready-sealed area after approx. 4 hours, slightly after approx. 1 day, for full wear and tear (laying carpets and placing furniture) after approx. 5 days. As longer a new treated floor is treated with care the first days as longer lasts the durability of the sealing.

All drying times refer to normal temperature-conditions of +20°C and relative air- humidity of 55%. Higher conditions of air-humidity of lower temperatures slow down the drying process. Care for good air-circulation. No draught!

The advice given by us in word, writing and endeavour for the technical application is supplied to our best knowledge, but may, however, only be regarded as an indication without any obligation and does not exempt you from examining the supplied products yourself, if they are suitable for the procedure and purposes intended. Application, use and processing of the products are not within our range of control and supervision, but are at your responsibility exclusively. It goes without saying that we guarantee products of high and good quality, according to the samples. With publishing of new information the earlier technical data sheets loose validity.



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**Application Tools:**

IRSA offers for IRSA PLATINUM 3030 2C: IRSA Rapid Spatula stainless; IRSA Aqua Roller and IRSA Brush. Only use appropriate tools for best results. Pre-clean tools immediately after use with soakable tissues, following a thoroughly cleaning with water.

**Sanding Agents:**

IRSA also offers sanding belts, rolls, discs and cambers; screens and pads in different types.

**Temperature of Processing:**

Room-climate/ subsurface and IRSA PLATINUM 3030 2C /IRSA PLATINUM ISO-HARDENER not under +15°C and not over +25°C.

**Couple Sizes:**

9.0 litre of IRSA PLATINUM 3030 2C and 0.45 litre of IRSA PLATINUM ISO-HARDENER  
4.5 litres of IRSA PLATINUM 3030 2C and 0.225 litre of IRSA PLATINUM ISO-HARDENER  
The couples are filled in the stated ratio for an easy processing with the varnish-hardener mixture.

**Maintenance and Cleaning:**

We recommend our IRSA Aqua StarR9 especially for mat surfaces according to DIN 18032, part2. Earliest use approx. 5 days after final sealing and to remove solid dirt and for basic cleaning use IRSA Base Cleaner G88. Ask for the IRSA Maintenance-Sets. Please note that we assume no liability for outside agents, improperly maintenance and cleaning.

**Subsequent Sealing:**

A subsequent sealing with IRSA PLATINUM 3030 2C /ISO-HARDENER-mixture on sealed surfaces is possible after a basic cleaning with IRSA Base Cleaner G88 and thoroughly mat sanding (final sanding grit 100). 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.)

**Cautions:**

Keep out of the reach of children. Do not inhale sprays. Care for good air-circulation during and after processing. Do not empty this product into drains, any stretches of water or soiled ground. Wear a mask and avoid skin-and eye-contact or immediately rinse off with clear water. Material and container must be disposed of in a safe way.  
Water-pollution-classification: WGK1.

Please ask for the IRSA maintenance instruction and the safety data sheets.

**Storage:**

Keep dry and cool (do not store or transport under +6° C and not over +30° C). Shelf life in unopened original container for 12 months. Keep opened containers tightly closed and work up soon. **Protect from cold!**

VOC-identification for 2007/2010 in ratio of 20:1 with hardener: 2004/42/2 A(j)140;140g/l <84g/l

2004/42	year and number of EU-guidelines
/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-value

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