



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

02/2021

IRSA PLATINUM 3010 2C Water-Based Varnish anti-slip R10

For parquet, wood-floors and stairs
For normal to very heavy duty wear and tear

Certificate of examination/test results:

The variant IRSA Platinum 3010 2C water-based Varnish anti-slip R10 achieves the BGR and DIN 51130 standards according to the German anti-slip property classification R10.

Basic:

2 components of polyurethane-water-based varnish, anti-slip

Use and Characteristic:

IRSA Platinum 3010 2C water-based Varnish anti-slip R10 for normal to very heavy duty wear and tear of parquet, wood floors, stairs and wood in interior design. Only partially suitable on exotic wood, i.e. only with small content of oil. Always carry out a patch test first. Especially on natural-light wood (e.g. maple). To enhance the natural blaze of wood (e.g. oak), prime first with IRSA PLATINUM Roll-On Plus Primer. IRSA Platinum 3010 2C water-based Varnish anti-slip R10 for normal and heavy duty wear and tear and scratching, very fast drying, **final hardness after approx. 5 days** (with +20°C and 55% air-humidity), easy-to-use, very good sanding, high pore-filling capacity, resistance to water- and household chemicals, no remaining marks left by shoe heels, a closed varnish-film is water-resistant even on longer influence of water.

Application/Consumption:

Fill IRSA PLATINUM ISO-HARDENER into the couple of IRSA Platinum 3010 2C water-based Varnish anti-slip R10 and shake well for approx. 15 sec. **Do not stir!** Wait for 1-2 minutes before use. Varnish/Hardener-mixture also can be used as primer or cover-layer. Only prepare as much of IRSA Platinum 3010 2C water-based Varnish anti-slip R10 + IRSA PLATINUM ISO-HARDENER-mixture as you work up within 2 hours. **Mixture in ratio of 20 (Varnish):1 (Hardener)**. Please notice the technical data sheet of IRSA PLATINUM ISO-HARDENER. The surface to be treated must be completely clean, e.g. dust-, oil-, wax- and grease-free, also remove all kinds of other residues. To result the highest glossy quality, proceed sanding as fine as possible (final sanding with sanding paper or screen, grit 100-120).

1. Primer:

To result a warm blaze of wood prime with IRSA PLATINUM Roll-On Plus Primer. For high absorbing wood, (e.g. beech) apply primer only with a roller and not with a spatula.

Apply either 2 x of 1 IRSA Platinum 3010 2C water-based Varnish anti-slip R10 + IRSA PLATINUM ISO-HARDENER-mixture or IRSA PLATINUM Spatula-Gel with stainless spatula, each time with approx. 50 g/m².

Or apply IRSA Platinum 3010 2C water-based Varnish anti-slip R10 + IRSA PLATINUM ISO-HARDENER-mixture or IRSA PLATINUM Roll-On Plus Primer or IRSA PLATINUM Exotic Primer with roller approx. 100 g/m², depending on the absorbency of the wood.

2. Final layer:

Apply 2-3x of IRSA Platinum 3010 2C water-based Varnish anti-slip R10 + IRSA PLATINUM ISO-HARDENER-mixture with roller approx. 130g/m² per application.

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. (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. 360 g/m² (on heavy duties wear and tear approx. 400 g/m²).

Drying:

Drying times after first filling with spatula approx. 10 minutes, after the second filling approx. 30 minutes.

After final roll-on priming approx. 2 hours. After each coat approx. 2-4 hours.

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

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

Application Tools:

IRSA offers especially for IRSA PLATINUM –System the IRSA Rapid Spatula stainless; IRSA Aqua Roller and IRSA Brush.

Only use appropriate tools for best results. Pre-clean tools immediately after use with soaking tissues, following a thoroughly cleaning with water.

Page2/ technical data sheet IRSA Platinum 3010 2C water-based Varnish anti-slip R10



Lackfabrik Irmgard Sallinger GmbH

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 3010 2C water-based Varnish anti-slip R10 / IRSA PLATINUM HARDENER not below +15°C and not over 25°C.

Couple sizes:

9.0 litres of IRSA Platinum 3010 2C water-based Varnish anti-slip R10 and 0.45 litre of IRSA PLATINUM ISO-HARDENER
4.5 litres of IRSA Platinum 3010 2C water-based Varnish anti-slip R10 and 0.225 litre of IRSA PLATINUM ISO-HARDENER
The couples are prepared to mix both components of varnish and hardener easily.

Maintenance and Cleaning:

We recommend IRSA AQUA STAR especially for glossy surfaces, (use approx. 5 days at the earliest after final sealing) and to remove solid dirt and for basic cleaning 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.

Please, ask for the IRSA maintenance instruction and technical data sheet.

Subsequent Sealing:

A subsequent sealing is possible on sealed surfaces with IRSA Platinum 3010 2C water-based Varnish anti-slip R10/hardener-mixture after a basic cleaning with IRSA Base Cleaner G88 and a 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. Wear a mask. Care for good air-circulation during and after processing. In case of contact with eyes or skin immediately rinse thoroughly with water. Do not empty this product into drains, any stretches of water or soiled ground. Material and container must be disposed of in a safe way and at waste collection-points.

Safety data sheets available on request . WGK 1

Storage:

Store or transport **not under +6°C and not over +30°C**. Shelf life of unopened original container for 12 months. Keep opened container tightly closed and work up soon. **Protect from cold!**

VOC-identification 2007/2010: 2004/42/2 A(j)140;140g/l <85g/l

2004/42	year and number of EU-guidelines
/2	addition2
A	part A
()	product sub-category
---;---g/l	limit value 1.step/ limit value 2.step in g/l
< ---g/l	current VOC-value

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 the publishing of new information the earlier technical data sheets loose validity.