



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

02/2021

IRSA PLATINUM 6000 2C Water-Based Varnish, silkymat and ultramat

Long-Term protection for cementitious compounded floors for normal and heavy duty wear and tear.

Basic: Special 2-components of Polyurethane-water-based varnish silky mat and ultra mat, for normal and very heavy duty wear and tear.

Characteristic and Application:

IRSA PLATINUM 6000 2C Water-Based Varnish result in a long-term protection for cementitious compounded floors for normal and very heavy duty wear and tear. The highly durable sealant film is characterized by an excellent elasticity, adhesion and has a good resistance against chemicals (e. g. against the standard disinfectants containing alcohol). The varnish system distinguishes itself through a very short drying time. Full wear and tear will be reached after only 5 days (refers to normal temperature-conditions of +20°C and relative air- humidity of 55%). IRSA PLATINUM 6000 2C Water-Based Varnish is easy to use. A closed varnish-film reduces adhesion of dirt and care expenses.

IRSA PLATINUM 6000 2C Water-Based Varnish protects cementitious compounded floors as compounded fillings and cementitious compounded floors with even or slightly structured surfaces and is also suitable for pre-fabricated and PU floors, as far as recommended by their manufacturers.

Consumption:

apply approx. 120g/m² per layer

Total Consumption: (priming + final layer) min. 240g/m² (for very heavy duty wear and tear approx. 360 g/m²). Fill IRSA PLATINUM ISO-HARDENER into the couple of IRSA PLATINUM 6000 2C Water-Based Varnish and shake well for at least 15 sec.

Cementitious compounded floors/surfaces: floor must be dry, sanded and clean. In this case grinders are not suitable for the sanding, because they can leave marks which can be visible after sealing. Partially compounded will not be sanded at all, partially they will be sanded with screen grit > 120 etc. Please use the sanding method recommended by the manufacturer or contact IRSA for advice.

In case pre-fabricated or supplementary PU-sealed floorings have to be restored, IRSA PLATINUM 6000 2C Water-Based has to be rolled up twice with approx. 120 g/m². Beforehand the surface must be matted with IRSA sanding mat, as to guarantee that no difference between damaged and faultless surfaces can be seen and as to assure an ideal adhesion of the supplementary applied sealing layer. This work instruction applies for homogenous, even or slightly structured surfaces.

Drying time:

after roll-on or brush-on process approx. 2 hours. After the first layers approx. 2-4 hours. After this, but on the same day, apply sealing mixture once again. In case the drying time exceeds 12 hours intermediate sanding is necessary (e.g. with screen grit 120). Remove thoroughly sanding dust before sealing. After final sealing (at least 12 hours) the floor is not fully accessible. Full wear and tear after approx. 5 days. As longer a new 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!

Pot life: about 2 hours - refers to normal temperature-conditions of +20°C and relative air- humidity of 55%.

Temperature of processing: room climate, subsurface and processing temperatures must not fall below +15°C and must not exceed +30°C.

Application Tools:

IRSA recommends appropriate tools for IRSA PLATINUM-System for best results. These are IRSA AQUA Roller and IRSA Brush. Pre-clean tools immediately after use with soakable tissues, following a thoroughly rinse off with water.

Note: Only use appropriate tools for best results.

Sanding agents: IRSA offers sanding belts, rolls, discs, and cambers, screens and pads in different types.

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Page 2 / Technical Data Sheet IRSA PLATINUM 6000 2C Water-Based Varnish-film

Maintenance and cleaning: We recommend cleaning with IRSA AUQA STAR (use approx. 5 days at the earliest after final sealing). To remove solid dirt and for basic cleaning use IRSA Base Cleaner G88 and ask for maintenance-sets.

Note: we assume no liability for outside agents, improperly cleaning and maintenance.

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

Please order the corresponding IRSA maintenance instructions and technical data sheets.

Abstain from covering the floor with carpets and mats for the first 10 – 14 days. Place in furniture very carefully. Coloured products (e.g. hair tinting lotions and coloured germicides) and softener agents lead to irreversible staining or also to dissolution of the sealing layers. In case of a necessary stability against germicides etc. we recommend a testing phase beforehand on site. Otherwise contact IRSA for advice.

Subsequent sealing: After a long period of time and heavy wear and tear a restoration may be necessary. It may happen that sealing wears out and scratches may occur. As to avoid visible insertions in case of a partial restoration, apply IRSA PLATINUM 60000 exactly on the boundary line (abutting edges, weld seam) to boundary line. Through partial restoration differences in gloss of restored and untreated sectors may be visible. Therefore IRSA recommends restoration of complete sectors (e.g. individual rooms/zones). Apart from that use IRSA Aqua Star after sealing.

A subsequent sealing with IRSA PLATINUM 6000 PU SIEGEL/IRSA PLATINUM ISO HARDENER on sealed surfaces is possible after a basic cleaning with IRSA Base Cleaner G88 and thoroughly an a final sanding with sanding grit 100).

Cautions: IRSA PLATINUM ISO HARDNER may not get in touch with humidity. Open couples must be closed immediately after use and must be worked up as quickly as possible. Keep put of 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. When spraying wear a mask and avoid skin- and eye-contact or immediately rinse off with clear water. Material and container must be disposed in a safe way.

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

IRSA PLATINUM 6000 PU Siegel with IRSA PLATINUM ISO HARDENER
2004/42/2 A(j)140 g/l <84 g/l

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

Technical Information:

| | |
|-----------------------------------|--|
| pH-value (Siegel): | approx. 7,8 |
| substance sof content (Siegel): | contains polymer, additives, dissolvents and water |
| pH-value (Hardener): | not stated |
| substances of content (Hardener): | contains polyisocyanate and dissolvents |
| Giscode: | W3/DD+ |

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