



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

01/2021

IRSA PLATINUM 2K Nature Feeling extrem-matt

For parquet, wood-floors and stairs for normal up to heavy wear and tear duty and for extremely bright and natural mattappearance. Because of the exceptionally mattappearance an authentic raw timber effect is achieved.

Basic:

2 components of polyurethane-water-based varnish, extrem-matt

Use:

IRSA PLATINUM 2K Nature Feeling extrem-matt for normal up to very heavy duty wear and tear of parquet, wood floors, stairs and wood in interior design. Especially for natural-light wood (e.g. maple, oak and ash tree) to enhance the natural blaze of wood for a long period of time, the light-resistant (no yellowing) IRSA PLATINUM 2K Natural Feeling extrem-matt is particularly suitable. (Please test exotic timber first for requested optic).

Characteristic:

- an authentic raw timber effect is achieved - very heavy wear and tear – quick drying – final hardness after approx. 5 days (temperature-conditions of +20°C and relative air-humidity of 55 %) - easy to apply - very good sanding – very good resistance against household-chemicals – excellent wear and scratch resistant – odor low – high pore filling capacity – no remaining marks left by rubber soles - a closed varnish-film is water-resistant.

Application/Consumption:

Fill IRSA PLATINUM ISO-HARDENER extrem-matt into the couple of IRSA PLATINUM 2K Natural Feeling extrem-matt and shake well for approx. 15 sec. **Do not stir!** Wait for 1-2 minutes before use. Varnish/Hardener extrem-matt-mixture also is used as primer and cover-layer. Only prepare as much of IRSA PLATINUM 2K Nature Feeling + IRSA PLATINUM ISO-HARDENER extrem-matt-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 extrem-matt. The surface to be treated must be completely clean, e.g. dust-, oil-, wax- and grease-free. We recommend a final sanding of the wood surface with sanding paper or screen, grit 100 – 120.

1. Layer:

Apply 1 x of IRSA PLATINUM 2K Nature Feeling extrem-matt /IRSA PLATINUM ISO-HARDENER extrem-matt-mixture with roller approx. 120 g/m², depending on the absorbency of the wood. For priming only use IRSA PLATINUM 2K Nature Feeling extrem-matt.

2. Final layers:

Apply 2 x IRSA PLATINUM 2K Nature Feeling extrem-matt + IRSA PLATINUM ISO-HARDENER extrem-matt-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. (matt-sanding grit 120). Please note the mentioned drying times.

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

Drying:

Drying time after first layer and 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 water-based varnish-system the IIRSA Aqua Roller.

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

Sanding Agents:

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

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Temperature of Processing:

Room-climate/ subsurface and IRSA PLATINUM 2K Nature Feeling extrem-matt / IRSA PLATINUM ISO-HARDENER not below +15°C and not over 30°C.

Couple sizes:

9.0 litres of IRSA PLATINUM 2K Nature Feeling extrem-matt and 0.45 litre of IRSA PLATINUM ISO-HARDENER extrem-matt
4.5 litres of IRSA PLATINUM 2K Nature Feeling extrem-matt and 0.225 litre of IRSA PLATINUM ISO-HARDENER extrem-matt
The couples are prepared to mix both components of varnish and hardener easily.

Maintenance and Cleaning:

We recommend IRSA AQUA STAR R9 in cleaning water especially for matt surfaces which are to stay matt for a long period of time (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 the IRSA Maintenance-Sets.

Please, note that we assume no liability for external products, 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 for IRSA Aqua Star R9

Subsequent Sealing:

A subsequent sealing is possible on sealed surfaces with IRSA PLATINUM 2K Nature Feeling extrem-matt varnish/IRSA PLATINIUM ISO-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 .

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 <65 g/l

IRSA PLATINUM 2K Nature Feeling extrem-matt with IRSA PLATINIUM ISO-HARDENER Nature Feeling extrem-matt

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

For exotic woods please contact and consult IRSA Application Service

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