



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

05/2016

## IRSA Holzsiegel 2010 VOC High Solid silk mat

1-component varnish for parquet, industrial-and sport halls, floorboards and wood in interior design.  
For normal to heavy duty wear and tear.

### Basic:

IRSA Wood Seal 2010 VOC High Solid is a solvent containing 1-component urethane-alkyd resin-seal based on natural raw materials with de-aromatic hydrocarbons. IRSA Wood Seal 2010 VOC High Solid is available as a ready-to-use sealing for wood in silk mat.

### Use and Characteristic:

IRSA Wood Seal 2010 VOC High Solid silk mat is for normal to heavy duty wear and tear on soft-, hard- and exotic wood in interior design, e.g. parquet, floorboards, stairs, upright-segment parquet, wood-block flooring, wood-floors with under-floor-heating and suspended floors. Especially for wood with tendency to high swelling or shrinking, e.g. beech.

IRSA Wood Seal 2010 VOC High Solid silk mat is resistant to marks left by shoe heels, with high durability, easy-to-use with fast drying, versatile application, modest scent, mild solvents, highly resistant to household chemicals and water, enhances a warm blaze of wood – corresponds to DIN 18032 part 2, if request, the test report to the gliding behaviour is available.

### Application:

IRSA Wood Seal 2010 VOC High Solid silk mat is used as primer and for final coating. The surface must be dry, completely clean, free of dust, oil, wax, grease and any other residues. Stir IRSA Wood Seal 2010 VOC High Solid silk mat well before and during use.

When a sink-in arises on joint-areas after the sealing-process, treat the entire surface with IRSA SPATULA-GEL 2000, in spatula-process mainly over the joints, until no visible spatula marks remain and the surface appears completely smooth. Repeat the procedure on deep furrows (after a drying time of approx. 3 hours – started with the first spatula-application). Continue sealing with IRSA Wood Seal 2010 VOC High Solid silk mat after an intense and evenly drying of IRSA SPATULA-GEL 2000 (after spatula application, no intermediate sanding). The consumption of IRSA SPATULA-GEL 2000 is depending on the quantity and type of sink-in, on average of approx. 40 g/m<sup>2</sup>.

Do not use IRSA SPATULA-GEL 2000 as primer. For further information ask for our technical data sheet IRSA SPATULA-GEL 2000.

Especially on exotic wood generally carry out a patch test first. Otherwise wash out the wooden surface with IRSA Thinner B.

### Sealing composition and Consumption:

#### Primer:

Apply 1x IRSA Wood Seal 2010 VOC High Solid silk mat by roll-on, consumption: approx. 130g/m<sup>2</sup>.

#### Final Coat:

Apply 1x IRSA Wood Seal 2010 VOC High Solid silk mat by roll-on, with 130 g/m<sup>2</sup> at the maximum per application.

Please follow the instruction of the quantity of application at the maximum and stated drying time to avoid irritations on the surface and of the drying process.

No intermediate sanding after priming. An intermediate sanding only before the final coat (sanding paper with grit 120-150).

**Total Consumption (primer + final coat): min. of 260 g/m<sup>2</sup>**

### Temperature of Processing:

Room-climate/subsurface and IRSA Wood Seal 2010 VOC High Solid silk mat not under +15°C and not over +30°C.

### Drying time:

After priming approx. 24 hours. Please follow the drying time instructions. Each layer of varnish must be completely dry and tack-free.

Subject to full wear and tear (laying carpets, placing furniture) after 10 days. The longer a fresh sealed floor will be spared for the first days, the longer-lasting will be the value of the sealant. 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 may slow down the drying process. Care for good air-conditions administration of oxygen. (no draught!)



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**Application Tools:**

IRSA Spatula, stainless, IRSA Brush and IRSA Mohair-Roller. Pre-clean tools immediately after use with soaking tissues before cleaning with IRSA Thinner B, thoroughly. Keep the IRSA Roller in a closed bucket between the varnish applications. Only use appropriate tools for best results. All sanding agents are available at IRSA.

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

**Maintenance and Cleaning:**

For further maintenance and cleaning we recommend IRSA AQUA STAR. Earliest application approx. 10 days after final sealing. To remove high solid dirt and for basic cleaning use IRSA BASE CLEANER G 88 and ask for our IRSA Maintenance Sets. We cannot take guarantee for a perfect result by additional use of outside-agents and inappropriate maintenance and cleaning. Please ask for the appropriate maintenance instruction. If DIN 18032 part 2 should be complied to, only use IRSA Aqua Star R9 for maintenance and cleaning.

**Storage:** In unopened original container for at least 9 months. Keep opened container tightly closed and work up soon.

Please follow the R-and S- phrases, classifications of dangerous liquids on caution marks and the EG- safety data sheets.

**VOC-identification since 2010:**

IRSA Holzsigel 2010 VOC High Solid

2004/42/2 A(i)600;500 g/l<499g/l

**Explanation:**

|            |   |
|------------|---|
| 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                           |

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