



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

05/2010

## IRSA KH-Siegel 2010 VOC High Solid silk matt

**A 1-component varnish for parquet, floorboards, wood block flooring, upright-segment-lamella parquet etc.  
For normal to heavy duty wear and tear.**

### Basic:

Oil-modified synthetic-resin sealer, urethanised. Produced with de-aromatic hydrocarbons.  
IRSA KH-Siegel 2010 VOC High Solid is available as a ready-to-use sealer in **silk-mat**.

### Use and Characteristic:

IRSA KH-Siegel 2010 VOC High Solid silk matt is for normal to heavy demands of soft- and hard timber in interior decoration as floorboards and suspended floors, wood-block flooring, upright-segment-lamella parquet, stairs, etc. On exotic wood species suitable to only limited extent, i.e. with less content of oil. Always carry out a patch test first!  
IRSA KH-Siegel 2010 VOC High Solid silk matt with a mild scent, reducing amounts of edge gluing, easy-to-use, good hardness- and abrasion values, high strain-stability, gas- and alcohol-resistant, also scratch-and impact resistant.

### Application:

IRSA KH-Siegel 2010 VOC High Solid silk matt is used as primer and final coat. The surface to be treated must be dry, clean and free of dust, oil, wax, grease, and other residues. Stir up the material well before and during the application.  
If a sink-in arises on joint-areas after the sealing-process, a following application by spatula with IRSA SPATULA-GEL 2000 will be necessary on the entire surface until no visible spatula marks remain and the surface appears completely smooth. With strong deepening, repeat the procedure (after a drying time of approx. 3 hours – started with the first spatula-application). After a intense and evenly drying of the IRSA SPATULA-GEL 2000 continue the following sealing of the floor with IRSA KH-Siegel 2010 VOC High Solid silk matt (no intermediate sanding!) The consumption of IRSA SPATULA-GEL 2000 depends on the number and kind of sink-ins. Consumption on average approx. 40g/m<sup>2</sup>.

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

### Sealing/Consumption:

#### 1. Priming:

Apply 1x of IRSA KH-Siegel 2010 VOC High Solid silk matt in roll-on process, **approx. 130g/m<sup>2</sup>**

#### 2. Final Coat:

Apply 1x IRSA KH-Siegel 2010 VOC High Solid silk matt in roll-on process, **130g/m<sup>2</sup> 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.**

**Total Consumption: min. of 260g/m<sup>2</sup> - max. of 300g/m<sup>2</sup>.**

No intermediate sanding after priming. Carry out an **intermediate sanding only before the final coat** (sanding paper 120-150).

### Thinner/Cleaning agent:

IRSA Thinner B

### Drying:

Drying time after priming approx. 4 hours. Final coat for overwork after approx. 10 hours. Generally follow the stated drying times between the applications. Each varnish-coat must be completely dry and glue-free.

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

**Tools:** IRSA Mohair-Varnish Roller, IRSA Brush. Only use appropriate tools for best results. Also pre-clean tools immediately after use with soaking papers and following clean thoroughly with IRSA Thinner B.

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



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**Sanding Agents:** all suitable quality sanding agents available at IRSA.

**Temperatures:** room/subsurface and IRSA KH-Siegel 2010 VOC High Solid silk matt not under +15°C during application

**Maintenance:**

To keep the value of a surface and to exceed a subsequently sealing, we recommend a regularly maintenance with IRSA AQUA STAR or IRSA AQUA STAR R9 (tested according to DIN 18032). Earliest use after approx. 14 days after the final sealing. To remove high solid dirt and for basic cleaning use IRSA BASE CLEANER G88 (base cleaner to dilute with water).

**Please require the maintenance-instruction for IRSA AQUA STAR or IRSA AQUA STAR R9.**

**Caution:**

In exposure to flammable liquids regard the regulations.

**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 KH-Siegel 2010 VOC High Solid**

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

**Explanation:**

<b>2004/42</b>	year and number of EU-guideline
<b>/2</b>	addition 2
<b>A</b>	part A
<b>( )</b>	product sub-category
<b>---;---g/l</b>	limit value 1.step/ limit value 2.step in g/l
<b>&lt; ---g/l</b>	current VOC-content

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