



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

09/2020

Emission-proved building product  
in accordance with DIBT Guidelines Z-157.10-92

## **IRSA KH-Siegel 2010 VOC High Solid, silky-mat (IRSA KH-Sealer 2010 VOC High Solid, silky-mat)**

**One-component varnish for parquet, industrial and gymnasium floors, floorboards and wood indoors.**

**For normal to heavy stress**

### **Basis:**

Solvent-containing one-component urethane alkyde resin sealer on the basis of vegetable raw materials with de-aromatised hydrocarbons.

### **Delivery form:**

IRSA KH-SIEGEL 2010 VOC High Solid sm. (IRSA KH-SEALER 2010 High Solid silky-mat) is supplied as a ready-to-use wood sealer in silky-mat.

### **Application areas:**

IRSA KH-SIEGEL 2010 VOC High Solid sm. (IRSA KH SEALER 2010 VOC High Solid, silky-mat) is used for normal to heavily stressed soft, hard and exotic wood indoors (carry out a test coat), e.g. parquet, planks, stairs, high vertical lamella, wood block paving, wood floors with underfloor heating, swing floors.

### **Characteristics:**

Very good durability good permanent elasticity, no heel marks easy processing with fast drying - universal application - mild solvents - very good resistance to household chemicals - warm glowing of wood - very high water resistance.

### **Processing:**

IRSA KH-SIEGEL 2010 VOC High Solid sm. (IRSA KH SEALER 2010 VOC High Solid, silky-mat) is used as primer and top coat. The wood surface to be sealed must be dry, clean, free of dust, oil, wax, grease and other residues. Stir IRSA KH-SIEGEL 2010 VOC High Solid sm (IRSA KH SEALER 2010 VOC High Solid, silky-mat) well before and during processing. If sacking occurs in the joint area after sealing, the entire surface should be smoothed with IRSA SPACHTEL-GEL 2000 (IRSA SPATULA GEL 2000) in such a way that no protrusions of the filler strokes are visible. Repeat the procedure for deep depressions (after a drying time of approx. 3 hours of the first trowel application). After very good and even drying of the IRSA SPACHTEL-GEL 2000 (IRSA SPATULA GEL 2000), further sealing of the floor with IRSA KH-SIEGEL 2010 VOC High Solid silky-mat (IRSA KH SEALER 2010 VOC High Solid, silky-mat) is carried out. Do not perform intermediate sanding. The consumption of IRSA SPACHTEL-GEL 2000 (IRSA SPATULA GEL 2000) depends on the number and type of sackings. The average consumption is about 40g/m<sup>2</sup>. Do not use IRSA SPACHTEL-GEL 2000 (IRSA SPATULA GEL 2000) as a primer. **For further information see Technical Data Sheet IRSA SPACHTEL-GEL 2000 (IRSA SPATULA GEL 2000).** It is essential to carry out a preliminary sample especially for exotic wood. If necessary, wash the wood surface with IRSA VERDÜNNUNG B (IRSA THINNER B).

### **Sealing construction/consumption:**

#### **Primer**

Apply 1 x IRSA KH-SIEGEL 2010 VOC High Solid sm (IRSA KH SEALER 2010 VOC High Solid, silky-mat) by roller application; the consumption is approx. 130 g/m<sup>2</sup> per application.

#### **Topcoat**

Apply 1 x IRSA KH-SIEGEL 2010 VOC High Solid sm (IRSA KH SEALER 2010 VOC, silky-mat) by roller application; approx. 130 g/m<sup>2</sup> per coat

The maximum application quantity and specified drying time must be observed without fail, otherwise drying or surface defects will occur. Intermediate sanding is carried out between the primer and the top coat (sanding paper with grain size 120 - 150).

It is essential to ensure even rolling out.

Total consumption (primer + topcoat): min. 260 g/m<sup>2</sup> - max. 300 g/m<sup>2</sup>

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**Processing temperature:** Room/surface and IRSA KH-SIEGEL 2010 VOC High Solid silky-mat should not be below +15°C or above +30°C.

**Dilution/care and maintenance product:** IRSA Verdünnung B (IRSA Dilution B)

**Drying:** Drying time: Apply primer after approx. 24 hours. The varnish layer must be properly dry and completely free of adhesives.

Afterwards the intermediate sanding can be done with grain size 120 - 150.

Can be used fully after approx. 10 days. The more the freshly sealed floor is protected in the first few days, the longer the life of the sealant.

The given drying times refer to normal conditions (+20°C and 55% relative humidity). Higher air humidity, low temperature and insufficient ventilation delay drying. Ensure good ventilation or oxygen supply (but no draught!). Odour nuisance occurring under unfavourable drying conditions disappears in the course of time – therefore, ventilation must be carried out well.

**Working tools:**

IRSA offers for IRSA KH-SIEGEL 2010 VOC High Solid, silky-mat, especially suitable tools: IRSA RAPIDSPACHTEL (IRSA RAPID SPATULA), IRSA MOHAIR-LACKROLLER (IRSA MOHAIR VARNISH ROLLER).

**Note:** A perfect sealing can only be achieved with suitable tools. Pre-clean the tools immediately after use with newspaper or similarly absorbent paper and then clean thoroughly with IRSA VERDÜNNUNG B (IRSA DILUTION B). The roller can be stored in the sealed varnish bucket between the individual varnish applications. Abrasives (belts, rolls, discs, bends), abrasive grids and pads in all designs can be obtained from IRSA.

**Maintenance/cleaning:** We recommend IRSA AQUA STAR. Earliest application is possible approx. 10 days after final sealing. Use IRSA GRUNDREINIGER G88 (IRSA BASE CLEANER G88), to remove persistent dirt and for base cleaning. Please ask for the corresponding IRSA Care Sets.

**Note:** Please note that no liability can be accepted for external funds or for improper care and maintenance. Please ask for the corresponding IRSA Care and Maintenance Instruction.

**Shelf life:** Can be stored for at least 12 months in unopened original container. Seal opened packs well and use up soon. Precautionary measures: The regulations for handling flammable liquids must be observed. Please observe the P and H phrases, the Hazardous Goods Classification on the container labels and the EU Safety Material Data Sheets.

**VOC Labelling from 2010:**

**IRSA KH-Siegel 2010 VOC High Solid, silky-mat (IRSA KH-Sealer): 2004/42/2 A(i)500 g/l < 499 g/l**

**Explanation:**

2004/42 = Year and number of EU Guideline

/2 = Enclosure 2

A = Part A

() = Product category

--,-- g/l = Directive in g/l

← g/l = current VOC-Value

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