



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

3/2006

## IRSA AQUA CORK PLUS

**Water-Based Varnish for Cork in Object Areas  
Intended to high and very high demands.**

**Basic:** watery polyurethane-dispersion

### Use and Characteristic:

IRSA AQUA CORK PLUS, a ready-to-use object-cork-water-based varnish, available in silky mat is for all cork floors with heavy and very heavy duty wear and tear in interior use, i.e. restaurants, kindergardens, kitchens, and bathrooms. IRSA AQUA CORK PLUS is suitable for factory-made and coloured or sealed cork panels. (Generally regard cautions of cork-manufacturers and carry out a patch test first for adhesive-proof).

To avoid colour-deviations on light dyed cork floors due to tannic acids, please proof if the insertion of IRSA ISO-PRIMER is necessary and see the technical data sheet for IRSA ISO-PRIMER.

IRSA AQUA CORK PLUS with high-quality pure-polyurethane-components is environmentally compatible, for heavy to very heavy duty wear and tear, non-yellowing, prevents most bleeding of tannic acids and swelling of different cork species, high-elastic, preserving a light appearance of the cork surface, high-content of solid particles, easy-to-use, subjected to full wear and tear after 5 days, fast drying; resistant to most household-chemicals and water (work-in should not last too long), also environmentally friendly.

### Application and Consumption:

Shake IRSA AQUA CORK PLUS well before use! Insert IRSA AQUA CORK PLUS for priming and final coat. The cork-surface to be treated has to be clean and dry and free of dust, oil, grease and other residues. Please proof if a basic cleaning with IRSA Base Cleaner G88 according to our recommendation (see technical data sheet IRSA Base Cleaner G88) is necessary. We recommend a first sanding of the cork-surfaces and grit 120 for final sanding.

### Sealing-Construction/Consumption:

#### Priming:

Apply 1x of IRSA AQUA CORK PLUS in roll-on-process, approx. 100g/m<sup>2</sup>

#### Final Coat:

Apply 2x of IRSA AQUA CORK PLUS in roll-on-process. Approx. 130g/m<sup>2</sup> per application (depending on duty of wear and tear and absorptive capacity of the cork, eventually apply 3x).

IRSA AQUA CORK PLUS also can be applied with a sprayer, please ask for special instruction in this process.

**Total Consumption (Primer + Final Coat): at least 360g/m<sup>2</sup>.**

No intermediate sanding after priming. **Intermediate sanding only before the final coat or when the stated drying time is exceeded.** (Sanding agent grit 120)

### Drying Times:

After the roll-on-priming process approx. 2 hours. After each coat approx. 2- 4 hours.

Carefully accessible is a ready-sealed surface after approx. 10-14 hours, for full wear and tear (laying carpets, place furniture) after approx. 5 days. The longer a fresh sealed floor will be spared for the first days, the longer-lasting will be the value of the sealer.

Stated drying times refer to normal temperature-conditions of +20°C and relative air-humidity of 55%. Higher conditions of air-humidity and lower temperatures might slow down the drying process. Care for good air-conditions (no draught).

### Subsequent Sealing:

A subsequent sealing – even on other varnish-sub surfaces – is possible. Always carry out a patch test first, (proof adhesion and colour-deviations). Condition is a completely drying of the pre-sealing, a basic cleaning with IRSA Base Cleaner G88 and a thoroughly first sanding (sanding agents and screen with grit 120). Already worn off, sealed surfaces must be completely sanded. Individual advice, especially on cork pre-finished parquet is recommended. For further processing see sealing-construction/consumption.

### Tools:

IRSA offers for IRSA AQUA CORK PLUS the IRSA AQUA Roller. Only use appropriate tools for best results. Pre-clean immediately after use with soaking papers, followed by a thoroughly cleaning with water. All sanding agents available at IRSA.



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**Temperature of Processing:**

Room/subsurface and IRSA AQUA CORK PLUS not below +15°C and not over +25°C.

**Cleaning and Maintenance:**

We recommend IRSA CORK CLEAN or IRSA CORK STAR. Earliest use approx. 6 days after the final sealing.

To remove high solid dirt and for basic cleaning use IRSA Base Cleaner G88. Ask for the IRSA Maintenance-Sets.

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

We also advice, in areas subjected to heavy duty 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 request the maintenance instruction for IRSA CORK CLEAN and IRSA CORK STAR.

**General Information:**

Especially by the use of water-based varnishes on several types of cork, a slight swelling of the granulate grains might occur. The reaction of this nature-material is beyond the influence of the manufacturer, does not affect the function of the floor and is therefore no reason for complaints.

On cork, tending to surface-swelling, its recommended to apply the priming as thin as possible and a drying of the floor overnight.

**Caution:**

Keep out of the reach of children. During and after processing care for good air-conditions. Do not inhale sprays. After contact with skin and eyes immediately rinse with plenty of water. Do not empty into drains any stretches of water or soiled ground. Only empty couples for recycling. Dispose of this material and its container at hazardous or special waste collection points.

Water-pollution-classification, WGK 1, Giscode: W3+.

**Storage:**

Store or transport not under +6°C and not over +30°C. Shelf life in unopened original container for six months. Keep opened containers tightly closed and work up soon. **Protect from cold!**

**VOC-identification: 2004/42/2 A(i)140;140g/l<100g/l**

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-value

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