Lackfabrik Irmgard Sallinger GmbH

Technical data sheet 02/2007

IRSA LACK 2001

2C- component polyurethane-varnish for parquet, wood and stairs.

Basic: IRSA LACK 2001 is for sealing of parquet and stairs available in **silky mat.**

Use and Characteristic:
IRSA LACK 2001 contains polyurethane of high quality and especially for soft-, hard- and exotic wood species with high to very high demands of wear and tear in interior design, i.e. Parquet, wood-floors,stairs. Due to the edge gluing effects of polyurethane-varnishes, do not use IRSA LACK 2001 on sub-surfaces as: wood plaster, suspended floors, floorboards, upright-segment parquet on underfloor heating or on non shear glued- stab or mosaic parquet.
IRSA LACK 2001 is high abrasion-proof, for high demands of wear and tear, versatile in application, easy-to-use, quick drying, resistant to household-chemicals and water with short work-in time; good levelling, evenly optic surface, scratch-resistant, dirt-repellent. Also for application in one-layer method.

Processing:
Before preparing a mixture shake and stir each component IRSA LACK 2001 and IRSA HARDENER 2001 well. Mixture of IRSA LACK 2001 and IRSA HARDENER 2001 in ratio of **1:1.** Stir the mixture well. Avoid crusts and impurities during the sealing-process. Therefore only work with clean tools. Generally pass material of opened couple carefully through a sieve

The surface to be treated must be completely sanded (final sanding with grit 100/120) and free of dust, silicon, wax, oil ant other residues. IRSA LACK 2001 can be applied as primer (higher blaze-effect than IRSA UNIVERSALGRUND or IRSA DICKSPACHTEL) or as top coat in spatula-, roll-on or brush-on process also in a time saving one-layer method.

On exotic wood species due to wood-oil residues, surface-irritations, drying delays and to provide for moistening of the subsurface <u>only</u> pre-prime with the Varnish/Hardener mixture and diluted with 15-30% IRSA Special Thinner.

Ratio of Mixture/Pot Life:
Mix IRSA LACK 2001 **1:1** with IRSA HARDENER 2001 and stir well. Work up the mixture within 2-3 hours.

<u>Sealing-structure/Consumption in spatula-, roll-on or brush-on process:</u>
Priming:
a) Apply 2x IRSA DICKSPACHTEL in spatula process (cross wise); approx. 60g/m² per application.
or
b) Apply 1x IRSA UNIVERSALGRUND in roll-on or brush-on process; approx. 100-120g/m²
or
c)Apply 1x IRSA LACK 2001/IRSA HARDENER 2001-mixture in roll-on or brush-on process, at least 100g/m²
Top Coat:
Apply 2x IRSA LACK 2001/IRSA HARDENER 2001-mixture in roll-on or brush-on process, at least 100-150g/m² per application.

Total Consumption: (Primer+Top Coat): at least 360g/m²

Intermediate sanding before the final coat with grit 120/150.
<u>Sealing-structure/Consumption in one-layer method (time saving alternative):</u>
Priming:
a) Apply 2x IRSA DICKSPACHTEL in spatula process (cross wise); approx. 60g/m² per application.
Top Coat:
Apply 2x IRSA LACK 2001/IRSA HARDENER 2001-mixture in roll-on or wiper-process,(IRSA Wiper with medium-porous sponge or IRSA Turbowalz 200(violet rings); at least 240g/m² per application.

Total Consumption: (Primer+Top Coat): at least 360g/m²

An intermediate sanding is necessary when the intermediate drying time of approx. 12 hours is exceeded (sanding paper grit 100-120).

Thinner/Cleaning Agent:
Only use IRSA Special Thinner.

Drying:
Drying time after spatula process approx. 1 hour; after roll-on or brush-on process at least 6 hours. The surface must be completely and evenly dry before over-sealing process.

Subject to carefully wear and tear is the ready sealed area after approx. 24 hours, for full wear and tear (laying carpets, placing furniture) 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 sealant.

The stated drying times refer to normal temperature-conditions of +20°C and relative air-humidity of 55%. Lower temperatures, increased layer-thickness also insufficient air-ventilation may slow down the drying process.

Tools:
IRSA offers the IRSA Mohaire-Varnish-Roller, IRSA Rapid Spatula, IRSA Brush, IRSA Wiper with medium-porous sponge, IRSA Turbowalz. Note: only use suitable tools for best results.
Immediately clean tools after use with IRSA Special Thinner

Sanding Agents: sanding papers, sanding screens and pads of all kinds available at IRSA.

Cleaning and Maintenance:
We recommend IRSA AQUA STAR. Earliest application approx. 14 days after the final sealing. IRSA Base Cleaner G88 to remove high solid dirt and for basic cleaning. Ask for the IRSA Maintenance sets..
Note: IRSA assume no liability for the use of outside agents, inappropriate cleaning and maintenance.

Please ask for the Maintenance Instruction of IRSA AQUA STAR.

Storage:
Shelf-life in unopened original container approx. 6 months. Keep opened containers tightly closed and work up soon. IRSA HARDENER 2001 is sensitive to dampness, therefore keep dry.

Caution:
Keep out of the reach of children. Care for sufficient air-conditions during and after work. Do not inhale spray fog. After skin or eye contact immediately rinse off with water thoroughly. Do not empty into drains, any stretches of water or soiled ground. Only empty couples for recycling. Dispose of only at special waste collection points.

Generally regard the usual regulations for handling of flammable substances.

Please, follow the R- and S- Phrases, classifications on caution marks and the EU- safety data sheets. No open Flame!

VOC-identification: 2004/42/2 A(j)550;500g/l<550g/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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