



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

07/2022

## IRSA Hartöl Rapid - quick drying

### **Base:**

IRSA Hartöl Rapid is a wood impregnation based on modified natural oils and waxes, dearomatized hydrocarbons.

### **Processing/Consumption:**

The untreated wood must be evenly sanded (final sanding grain 120/150), dry and free of any residues such as dust, dirt, grease. The wood moisture should not be more than 10-12%. If possible, apply IRSA Hartöl Rapid at a temperature of at least +18° C, either manually or by machine.

### **Areas of application:**

IRSA Hartöl Rapid can be used universally for all normal to very heavily used hardwood, softwood, or exotic wood in interior design, e.g., parquet, OSB panels, floorboards, industrial parquet, wood paving, stairs, worktops, shelves, windowsills, glued wood. Also suitable for cork, bamboo or cotto.

### **Characteristics:**

Very easy to use - quick drying - water and dirt repellent - good penetration - regulates moisture - gives brilliance to the wood surface – impregnates – protects – cares - the grain of the wood is emphasized - no yellowish or dark wood grain enrichment - the character of the natural material wood is emphasized.

### **Necessary work preparations:**

Sand parquet or wooden floors to be renovated in stages with sandpaper or sanding grid with 36/60/80/100/120 grit, newly laid, untreated solid parquet with 36/60/80/100/120 grit as well as newly laid, untreated finished parquet with 100/120 grit (the final sanding can also be selected with grit 80 in the case of poorly absorbent substrates such as bamboo). Vacuum do not sweep away wet! Eventually use IRSA antistatic wipes/IRSA Blitzboy to remove residual wood dust. Solid glued and veneered woods absorb the oil differently, which can result in colour deviations between them. Oil samples!

### **Instructions for normal absorbent surfaces.**

Stir and shake IRSA Hartöl Rapid well. Apply IRSA Hartöl Rapid thinly and evenly once with an IRSA brush or IRSA mohair roller until the wood no longer absorbs any oil (depending on the type of wood and installation). After approx. 30 minutes (at approx. +20° C and 55% relative humidity), massage in any excess oil with a beige pad, leaving no residue. There must be no more shiny spots or oil splashes on the entire surface, it must appear dry! Treat edges, corners, radiators, door soffits, etc. that cannot be reached with the polishing machine with a beige hand pad. Let it dry overnight and be sure to check whether the surface is still absorbing oil. If so, apply the oil again evenly and polish in with a beige pad as described above.

### **Please note:**

Excess oil residues dry hard on the surface and form matt-gloss areas that are difficult to remove.

### **Working instructions for highly absorbent surfaces (e.g., upright slats or wooden paving):**

The work instructions for normally absorbent surfaces also apply here, the difference being that on highly absorbent surfaces, IRSA Hartöl Rapid (i.e., until the wood no longer absorbs oil) must be applied thinly and evenly in several coats, each with a sufficient intermediate drying time (approx. 12 hours per application at approx. +20°C and 55% relative humidity) so that each IRSA Hartöl Rapid coat has enough time to absorb and dry.

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The reason for this is that upright slats and wooden pavement floors are very absorbent due to their capillary structure, have very many joints, gaps and cracks and therefore these and highly absorbent floors cannot be filled with a single IRSA Hartöl Rapid treatment. A single application of IRSA Hartöl Rapid would sink into the very absorbent wood and thus not sufficiently fill the wood up to the surface - the result would be a greater susceptibility to dirt.

**Consumption values:**

Depending on the absorbency of the substrate, apply a thin, even coat of approx. 50 g/m<sup>2</sup> per coat. Approx. 3 times the amount for wood blocks, and a good 2 times the amount for upright slats (industrial parquet), depending on the type of wood.

**Processing temperature:**

Do not use IRSA HARTÖL RAPID below +15°C and above +30°C.

**Re-waxing:**

If desired, the surface can be waxed with IRSA Natura Hartwachs to achieve a higher degree of gloss. Only regrow when the oil has dried completely (approx. 3 days at ideal conditions of +20° C and 55% relative humidity).

**Drying:**

Provide ventilation near the floor (open the door). Oxygen and temperatures from +20° C accelerate the drying process. If covering is necessary, only use corrugated cardboard (corrugated upwards), not foil, so as not to impede the flow of oxygen.

The finished impregnated surface can be carefully walked on after approx. 2 days, fully used (laying the carpet, setting up furniture) after approx. 14 days. The longevity and value retention of oiled wooden floors depends heavily on the care taken during the first few days!

The drying times given refer to normal conditions (+20°C and 55%relative humidity). High humidity and low temperatures delay drying. Ensure good ventilation.

**Implements:**

IRSA offers particularly suitable tools for IRSA Hartöl Rapid: IRSA brush, IRSA mohair roller, IRSA Superpad (beige and white), single-disc machine, IRSA hand pads for sanding slides 160 x 220 (beige and white), sanding slides, IRSA Blitzboy.

Note: A perfect result can only be achieved with suitable tools.

**Care and cleaning:**

Protect the surface from water during the curing time of approx. 14 days. Subsequent care is carried out alternatively, depending on the desired look, with IRSA Pflegeöl (for matt surfaces - only for surfaces that have been oiled), IRSA Natura Hartwachs (for silky gloss surfaces) or IRSA Pflegemilch (for additional shine in the cleaning water). Cleaning is carried with IRSA Seifenreiniger or IRSA Natura Hartwachs.

Please note our care instructions for oiled and waxed floors, the technical data sheets and the container labels for the IRSA oils, waxes, and care products!

**Shelf life:**

Can be kept for several years when stored in a cool, frost-free, and dry place in the unopened original container.

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