



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

10/2020

IRSA NATURA HARTÖL (IRSA NATURA HARD OIL), colourless, cobalt-free For parquet- and wood surfaces, bamboo and cork

Basic:

IRSA Natura Hartöl contains upgraded natural oils, is solvent-free, biological-constructive harmless with non-toxic- or biocide contents.

Use and Characteristic:

IRSA Natura Hartöl is liquid and ready-to-use. For all normal to very heavy duty wear and tear of hard-, soft- or exotic woods, also on bamboo and cork indoors, e.g. parquet, floorboards, industrial-parquet, wood blocks, stairs, worktops, shelves, window sills and glued wood.

IRSA Natura Hartöl is easy-to-use, solvent-free, resin-free, water- and dirt repellent, moisture-regulating, effectively impregnating, protective and maintaining, no intermediate sanding, good penetration, highlights the natural blaze of wood, enhancing wood grains.

Application and Consumption:

First, the wood to be treated must be evenly sanded (final sanding, grit 120-150) and completely cleaned, e.g. of dust, oil, wax and grease, also remove all residues. Dampness of wood not over 15%. Do not sweep or wipe with moist cloths. Use IRSA ANTISTATIC-Tissues/ IRSA Blitzboy to remove rests of wood-dust.

Massive glued- and veneered wood absorb the oil differently, whereby colour deviations may appear. Always carry out a patch test first!

Instructions for parquet, floorboards, worktops etc.:

1. Apply IRSA Natura Hartöl evenly wet-on-wet until the wood is completely saturated. Repeat the processing until the oil remains evenly and wet-shiny on the surface (re-paint-or roll on dry spots again). The treated area can be walked over carefully during the process.

Consumption: approx. 100 – 120 g/m².

2. After approx. 45 minutes remove the surplus of oil with brisk wipe-movements off the surface. Use the IRSA Natura Hartöl Wiper. Eventually remaining oil must be rubbed into the wood-surface **by machine** with a one-disc-sanding machine and beige pad or **manually** with IRSA Blitzboy/ IRSA beige pad, until it is completely absorbed.

3. The duty of wear and tear of the surface is exceeding by a re-polishing with a white pad after approx. 24 hours.

(4). A following application of wax with IRSA Natura Hard Wax, when the floor is supposed to be waxed with IRSA Natura Hartwachs (IRSA Natura Hard Wax) (recommended for heavily worn surfaces), after 3 days of IRSA Natura Hartöl application.

The above mentioned drying times refer to normal temperature-conditions of +20°C and 55% relative air-humidity.

Instructions for cross-cut-wood parquet, wood-block paved floors and high absorptive wood-floors, e.g. steamed beech:

Due to the nature of their capillary structure, cross-cut parquet and wood-block paved floors are heavily absorptive and may show many joints and cracks. So these kind of floors cannot be treated with only one application of IRSA Natura Hard-Oil.

Apply and let-in the IRSA Natura Hard-Oil by several steps of processing, each with necessary intermediate drying time to give each application enough time for retraction and drying. A single application of IRSA Natura Hartöl would sink into the absorptive wood and not fill it up completely to the surface (otherwise the surface becomes susceptible to dirt).

1. Build a working area of approx. 40m² and apply IRSA Natura Hartöl evenly and wet-shiny on the surface. Subsequent treatment with IRSA Natura Hartöl for 2-3 x at intervals of approx. 10 minutes. The area can be walked over carefully during the process.

Consumption: approx. 100 – 120g/m² per application.

2. After approx. 20 minutes remove the surplus of oil with brisk wipe-movements off the surface. Use the IRSA Natura Hartöl Wiper. Eventually remaining oil must be rubbed into the wood-surface **by machine** immediately with a one-disc-sanding machine and beige pad until it is completely absorbed.

3. After a necessary intermediate drying time of at least 12 hours, while the oil is sinking into the wood-structure, do another treatment with IRSA Natura Hartöl as mentioned above 1. and 2.

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Page 2/ Technical Data Sheet "IRSA Natura Hartöl" 10/2020

4. After a second intermediate drying time of at least 12 hours, do a 3. treatment with IRSA Natura Hartöl, in which a possibly absorbing of the already twice treated, high absorptive subsurface should be observed. When dry spots are still visible, a subsequently application is necessary, 2-3 x in intervals of approx. 10minutes to saturate the wood completely. Remove the surplus

of oil with brisk wipe-movements off the surface. Use the IRSA Natura Hard-Oil Wiper. Eventually remaining oil must be rubbed into the wood-surface **by machine** immediately with a one-disc-sanding machine and beige pad.

5. The duty of wear and tear of the surface is exceeding when the surface is re-polished with a white pad after approx. 12 hours. Total consumption: approx. 480g/ m² (depending on kind and condition of wood).

(6.) Re-waxing with IRSA Natura Hard Wax. A following application, when the floor is supposed to be waxed with IRSA Natura Hartwachs (recommended for heavily worn surfaces), after 3 days of IRSA Natura Hartöl application. Apply approx. 30g/m² of IRSA Natura Hartwachs and polish immediately after drying of IRSA Natura Hartwachs with white pad.

Please note the labels and technical data sheet.

After each work- step, no wet-shiny film of IRSA Natura Hartöl should remain on the surface.

Drying Time: Within 24 hours after processing, only carefully walk over the floor (e.g. socks), full wear and tear (laying carpets, placing furniture) after approx. 7 – 10 days. When a covering is necessary, only with permeable materials, e.g. felt. Do not use a plastic foil. Long-term maintenance of value of oiled floors is depending on treatment with care, for the first days.

Drying times refer to normal temperature-conditions of +20°C and relative. air-humidity of 55%. Higher conditions of air-humidity or lower temperatures slow down the drying process. Care for good air-circulation.

Application Tools:

IRSA offers especially for IRSA Natura Hartöl: IRSA Brush, IRSA Mohair-Roller, IRSA Natura Hartöl Wiper, one-disc-polish machine/ superpads beige and white, blocker. Use only appropriate tools for best results.

Pre-clean tools immediately after use with soaking tissues, following cleaning with IRSA Verdünnung B (Thinner B), thoroughly.

Maintenance and Cleaning:

During the final hardness of approx. 7-10 days, protect the surface from water. The following maintenance depends on the expected appearance either with IRSA Pflegeöl (IRSA Care Oil) (for mat surfaces – only on final-oiled floors), IRSA Natura Hartwachs (for silky-mat surfaces) or IRSA Pflegemilch (IRSA Care Milk) (for additional shine, into wiping-water). Cleaning with IRSA Seifenreiniger (IRSA Soap Cleaner).

Please follow the maintenance instructions of "IRSA Nature Line", the Technical Data Sheets and labels of IRSA Oils, waxes and maintenance agents.

Storage:

Shelf-life in unopened original container for several years. Keep cool and dry. **Protect from cold!**

Cautions:

Keep soaked wipe-cloth, pads and other utensils in closed container. Otherwise self-inflammable.

Oil/wax in combination to sanding-dust, wipe-cloths, etc. moisten with water or keep in a tightly closed bucket.

Material and container must be disposed of in a safe way.

Water-pollution class WGK:1

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