



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

04/2007

IRSA NATURA HARD-OIL

For parquet- and wood surfaces, bamboo and cork

Basic:

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

Use and Characteristic:

IRSA Natural Hard-Oil 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 interior, e.g. parquet, floorboards, industrial-parquet, wood blocks, stairs, worktops, shelves, window sills and glued wood.

IRSA Natural Hard-Oil is easy-to-use, solvent-free, resin-free, water- and dirt repellent, moisture-regulating, effectively impregnating, protective and maintaining, no intermediate sanding, good penetration, highlightens 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 Hard-Oil 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 Hard-Oil 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 Hard Wax (recommended for heavily worn surfaces), after 3 days of IRSA Natura Hard-Oil 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 Hard-Oil 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 Hard-Oil evenly and wet-shiny on the surface. Subsequent treatment with IRSA Natura Hard-Oil 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 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 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 Hard-Oil as mentioned above 1. and 2.



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4. After a second intermediate drying time of at least 12 hours, do a 3. treatment with IRSA Natura Hard-Oil, 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 Hard Wax (recommended for heavily worn surfaces), after 3 days of IRSA Natura Hard-Oil application. Apply approx. 30g/m² of IRSA Natura Hard Wax and polish immediately after drying of IRSA Natura Hard Wax with white pad.

Please note the labels and technical data sheet.

After each work- step, no wet-shiny film of IRSA Natura Hard-Oil 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 Hard-Oil: IRSA Brush, IRSA Mohaire-Roller, IRSA Natura Hard-Oil-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 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 Care Oil (for mat surfaces – only on final-oiled floors), IRSA Natura Hard Wax (for silky-mat surfaces) or IRSA Care Milk (for additional shine, into wiping-water). Cleaning with 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.

UBA 16440301

Water-pollution class WGK:1

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