



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

02/2007

IRSA NATURA HARD-WAX

For parquet, wood cork, bamboo and surfaces in interior design

Basic:

IRSA NATURA HARD-WAX contains upgraded natural waxes such as bees waxes, carnauba wax, candelilla wax, retamo, wax, soil wax, essential oils and non-aromatic hydrocarbons.

Use and Characteristic:

IRSA NATURA HARD-WAX is available in **liquid** or **solid** consistency and ready-to-use.

IRSA NATURA HARD-WAX is universally suitable on all wood- or cork surfaces with high demands, duty wear and tear, e.g. Wood-, parquet- and cork surfaces (also factory- made pre-waxed) and other solvent-resistant subsurfaces. Generally carry out a patch test first! A pre-treatment of the surface alternative with IRSA NATURA HARD-OIL, IRSA NATURA HARD-OIL Rapid, IRSA NATURA HIGH-SOLID OIL-WAX, IRSA NATURA OIL-RESIN IMPREGNATION or IRSA HP-OIL, High Protection.

IRSA NATURA HARD-WAX, **liquid** is preferably used in case a one-disc machine is not at hand. The **solid** IRSA NATURA HARD-WAX also can be fluidised in a warm-water quench with approx. +30°C or fluidised by machine (if a IRSA NATURA HARD-WAX-film is once dried it cannot be fluidised again)

IRSA NATURA HARD-WAX is a paste-like or liquid gloss-wax, antistatic effective, slip-and dirt resistant, protecting and maintaining, upgrading the surface, colourless drying, no gas-secessions of a dried film and used for basic-protection and later following cleaning and maintenance.

Application and Consumption:

The surface to be treated must be solid, dry and completely clean, e.g. free of oil, and grease, also remove all residues.

Remove solid dirt with IRSA Base-Cleaner G88. Keep a drying time of approx. 8 hours for the basic-cleaned surface.

A patch test on not pre-oil impregnated floors is recommended. Avoid or immediately dry up water-puddles particularly on floors already treated with IRSA NATURA HARD-WAX. Apply the wax not until sufficiently drying of the applied IRSA oil (3 days with +20°C and 55% relative air humidity).

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 :

1. Step:

Apply IRSA NATURA HARD-WAX manually or by machine thin and evenly, depending on the pre-treatment of the floor.

Not impregnated surfaces (depending on absorptive capacity) : **2x approx. 30g/m².**

Pre-impregnated surfaces with IRSA NATURA HARD-OIL/ HP-OIL/ NATURA HIGH SOLID OIL-WAX: **1x approx. 30g/m².**
with IRSA OIL-RESIN IMPREGNATION/ IRSA HARD-OIL Rapid : **2x approx. 30g/m².**

2. Step:

After the drying of the wax-layer (approx. 1-3 hours; until the surface does not appear moist-glossy) immediately polish with white pad.

In case the surface still shows mat spots, exceed the drying time and polish again. Subject to full wear and tear after approx. 6 days.

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

Higher conditions of air-humidity or lower temperatures slow down the drying process. Care for good air-circulation. No draught!

Tools:

IRSA offers the IRSA Brush, tissues without fibres, swinging block linkage or IRSA one-disc machine with white pad, IRSA Blocker. Please use only suitable tools for bet results.

The advice given by us in word, writing and endeavour for the technical application is supplied to our best knowledge, but may, however, only be regarded as an indication without any obligation and does not exempt you from examining the supplied products yourself, if they are suitable for the procedure and purposes intended. Application, use and processing of the products are not within our range of control and supervision, but are at your responsibility exclusively. It goes without saying that we guarantee products of high and good quality, according to the samples. With the publishing of new information the earlier technical data sheets loose validity.

Page 2/technical data sheet *IRSA NATURA HARD WAX 02/2007



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Later treatment of waxed surfaces:

For visible worn off or mat spots on the surface, re-wax with IRSA NATURA HARD-WAX and polish immediately after the drying (approx. 2 hours). IRSA NATURA HARD WAX is also suitable for application when the surface is treated with IRSA Soap Cleaner and IRSA Care Milk for maintenance. When the entire waxed surface shows visible stripes polish manually with white hand pad, Blocker or one-disc machine/white pad without waxing –only for re-polishing.

Later Impregnation:

A later impregnation with IRSA NATURA HARD-OIL, IRSA HARD-OIL Rapid, IRSA NATURA HIGH-SOLID OIL-WAX, IRSA OIL-RESIN IMPREGNATION or IRSA HP-OIL is possible any time. Carry out a professional basic cleaning with IRSA Base Cleaner G88 first on waxed and **soiled** surfaces.

Later waxing-process:

As necessary, apply IRSA NATURA HARD-WAX, i.e. the wax coat is partially worn off or after each basic cleaning and polish each application. Generally, only a thin wax-film should remain on the surface.

Maintenance and Cleaning:

During the final hardness of approx. 6 days, the surface is not subject to full wear and tear. Only carry out a dry cleaning on fresh oiled/waxed surfaces for the first 12 days. The following maintenance depends on the expected appearance either with IRSA NATURA HARD-WAX (for silky-mat surfaces) or IRSA Care Milk (for additional shine, into wiping-water). Cleaning with IRSA Soap Cleaner or IRSA NATURA HARD-WAX. Ask for our IRSA Maintenance sets..

Note: we assume no liability for outside agents or inappropriate maintenance and cleaning.

We recommend to lay protection mats in entrance areas with high traffic or filth-protection under chairs. Also suitable rolls on office swivel chairs according to German DIN 68131.

Please follow the maintenance instructions for oiled and waxed floors and corresponding 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.

Cautions: During work up avoid fire, sparks and embers. Keep out of the reach of children. During work do not eat, drink or smoke. Keep container tightly closed after use. Do not empty into drains or any stretches of water and care for sufficient air-ventilation during work.

German self-classification: WGK1; UBA 16440301, Giscode Ö60

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