



Lackfabrik Irmgard Sallinger GmbH

Technical Data Sheet

08/2013

IRSA HP-OIL, HIGH-PROTECTION

NEW!!

e.g. for parquet flooring and bamboo flooring, cork or cotto, wood in interior areas

IRSA HP-OIL, HIGH-PROTECTION is a wood-impregnation for bamboo, cork, all hard, soft or exotic wood used for interior areas subjected to normal, up to extremely severe, wear and tear e.g. parquet, wooden floor boards, industrial parquet flooring, wood block paving, furniture, work surfaces, window sills and glued wood.

Characteristics: IRSA HP-OIL, HIGH-PROTECTION gives a light, silky matt surface, is fast to dry, extremely water- and dirt repellent and impregnates the wood leaving no yellowing or darkening in the enhancement of the woods colour.

ü easy to apply ü silk matt surface ü anti-slip ü little odour

Prerequisite: Untreated wood must be sanded evenly (final sanding grit 100/120), be dry and completely clean. The dampness of the wood should not exceed 10-12%. Parquet flooring or wooden flooring that needs renovation should be sanded in a step by step process with sanding paper and/or sanding grid with a grit of 36/60/80/100/120, newly laid, raw, solid parquet flooring with a grit of 36/60/80/100/120 as well as newly laid, untreated pre-fabricated parquet flooring with a grit of 100/120 (sanding grid). Vacuum off, do not damp mop/sweep off!! Finally, perhaps use IRSA Antistatic cloths / IRSA Blitzboy to remove the final remaining wood dust.

Application: IRSA HP-OIL, HIGH-PROTECTION should be used by at least + 18°C.

Oil a test piece first! On surfaces with normal absorptive capacity: Stir- and shake-up IRSA HP-OIL well. Apply 1x thinly and evenly with an IRSA Brush or IRSA Mohaire-Roller until the wood is completely saturated. At the earliest after 20 mins, and at the latest after 30 mins, any surplus-oil has to be rubbed in until no residue remains (one disc machine/beige pad). The surface must be dry, without any shiny areas or oil-spots. If necessary (as long as the wood can still absorb oil), then re-oil for a second time. Each coat should be left to dry overnight.

Areas which are difficult to reach with the polishing machine should be treated with the beige hand pad.

If using a spatula: apply IRSA HP-OIL 2-3 x, and on particularly highly absorptive or differently absorptive surfaces (beech or cherry tree) then repolish each immediately (a minimum of at least two people should work on the surface).

For surfaces with high absorptive capacity (upright-segment parquet or wood block paving, beech); treat as per the instructions for normal absorptive surfaces. For high absorptive surfaces apply the IRSA HP OIL up to 3 x thinly and evenly in several stages, each with sufficient intermediate drying time (approx. 12 hrs per coat).

Please note: excess oil residue will dry out hard on the surface and form matt-shine spots, which are very difficult to remove. Within 12 hours drying time the surface can be re-polished with a white pad in order to increase the durability and wear resistance. Doing this will additionally achieve a silky shiny surface.

Re-waxing:

If desired the surface can be re-waxed with IRSA Natura Hardwax, in order to achieve a higher degree of shine. Only re-wax when the oil is completely dry (approx. 3 days in ideal conditions of 20°C and 55% rel. humidity).

Equipment for application/accessories: available from IRSA.

IRSA Brush, IRSA Mohair Roller, IRSA Rapid Putty, IRSA Super Pad (beige and white – 1 Pad ≈ 406 mm for approx. 50 m²), One disc machine, IRSA Hand Pads for Vibrating Grinder 160 x 220 (beige and white), Vibrating Grinder, IRSA Blitzboy.

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.



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Consumption data: Depending on the absorptive capacity of the base, apply the oil thinly and evenly: with the spatula: approx. 30 g/m² per coat, with roller or brush approx. 50 g/m² per coat. For wood block paving, up-right segment parquet (industrial parquet flooring) use double the amount depending on the type of wood. Drying times: Oiled flooring should not be walked on for at least 2 days. During the hardening time of 6 days the surface is not fully resilient or useable. The drying times given refer to normal temperature conditions of +20°C and relative air-humidity of 55%.

Drying times:

Ensure ventilation to the floor (door open).

Oxygen and temperatures above 20°C accelerate the drying process. Do not step or walk on oiled floors for at least 2 days, after this they can be walked on carefully. If covering is necessary, then only with corrugated cardboard (with the corrugated side upwards), not with sheeting, so as not to hinder the path of the oxygen to the floor. The longevity and conservation of value depends very much on the protection in the first few days.

Maintenance and cleaning:

During the hardening out period of approx. 6 days the surface is not fully resilient and should not be treated with water for approx. 14 days. The longer the impregnated wooden surface is protected in the first days, the higher the life expectancy will be. The final maintenance follows alternatively each according to the desired visual effect with IRSA Care Oil (for matt surfaces), IRSA Natura Hard Wax (for silk matt shiny surfaces) and/or IRSA Care Milk (for additional shine add to the mop water – afterwards polish). For exceedingly dirty flooring then clean using IRSA Soap Cleaner or IRSA Natura Hard Wax (on waxed surfaces) Pay attention to the relevant maintenance and cleaning instructions for oiled and waxed flooring, as well as the technical data sheets for IRSA oils, waxes and maintenance products!

Storage: Product can be kept for several years if kept in a cool, frost free and dry storage area and in its original unopened container. The usual precautionary measures regarding the handling of chemicals are to be observed.

Labelling:

R66 Repeated exposure may cause skin dryness or cracking. **S35** This material and its container must be disposed of in a safe way. Contains Cobaltbis(2-ethylhexanoat). May cause allergic reactions. Giscode Ö60.

Warnings:

Any soaked cloths, pads and other utensils should be kept in a closed container. Oil/Wax in combination with sanding dust, material cloths etc should be dampened with water or kept in a closed bucket and/or away from any source of fire – otherwise there is a risk of spontaneous combustion.

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