



Lackfabrik Irmgard Sallinger GmbH

Technical data sheet

11/2005

IRSA HP-OIL, High Protection

For parquet, bamboo, cork, cotto and interior wood surfaces

Basic:

IRSA HP-OIL, High Protection is a wood-impregnation agent based on modified, natural oils and waxes and de-aromatic hydrocarbons.

Use and Characteristics:

IRSA HP-OIL, High Protection is universally for all hard-, soft- and exotic woods for normal to very heavy duty wear and tear in interior decoration, e.g. parquet, OSB-boards, floorboards, industry-parquet, wood-pavement, furniture, stairs, worktops, shelves, window sills and glued timber. Also excellently suitable for cork, bamboo and cotto. IRSA HP-OIL is very easy-to-use, resulting a light, silky mat surface, non-slippery, quick-setting, water- and dirt repellent, good penetration, regulating dampness, emphasizing the veins and natural character of the wood, no yellowish or dark blaze of wood, impregnating, protective and maintaining.

Preconditions:

The non-treated wood must be sanded evenly (final sanding-grit 120/150) also, dry and free of any residues, e.g. dust, dirt or grease. The dampness of wood not over 10-12%. Application of IRSA HP-OIL at temperatures of minimum of +18°C, either manually or by machine and relative air humidity of 60% to the maximum.

Necessary preparation schedules:

Parquet or wood-floors to renovate must be sanded with sanding paper or screen (grit 36/60/80/100/120); new-laid and raw massive-parquet (with grit 36/60/80/100/120) and new-laid untreated prefabricated parquet (with grit 100/120). Do not sweep moist! To remove rests of sanding-dust, we recommend IRSA Tissues (anti-static) with IRSA Blitzboy.

Massive-glued and veneered wood are absorbing the oil differently and colour-deviations among each other may appear. Always carry out a patch test first.

Instructions for normal absorptive surfaces:

Stir- and shake-up IRSA HP-OIL well. Apply IRSA HP-OIL 1x thin and evenly with a IRSA Brush or IRSA Mohaire-Roller until the wood is completely saturated (depending on the kind of wood and way of laying). After approx. 30 minutes at the latest (temperature conditions of + 20°C and relative air humidity of 55%), eventually surplus-oil has to be rubbed in manually or by machine (one-disc-polishing machine) with beige pads until no residues remain. The surface must be dry, without shiny areas or oil-spots. Treat areas as borders, nooks, radiators, door-embrasures, etc. not within reach by a polishing machine, with a beige hand pad. Drying over- night and essentially test, if the surface is still absorbing oil, then apply IRSA HP-OIL again as mentioned above with a beige pad.

Application with IRSA Spatula: Apply IRSA HP-OIL 2-3 x , particularly on high or differently absorbing surfaces, e.g. beech or cherry tree, re-polish with a beige pad and let dry each application over night.

Instructions for high absorptive surfaces:

e.g. upright-segment parquet or wood-plaster, beech

The instruction for normal absorptive surfaces also goes for high absorptive surfaces. The difference is, that on high absorptive wood several work steps (apply IRSA HP-OIL thin and evenly until the wood is saturated) and adequately intermediate drying times of approx. 12 hours per application are necessary. The reason is the high absorptive capillary structure of upright-segment parquet and wood-plaster because of its joints and cracks which cannot be filled up by only one application of IRSA HP-OIL. It would sink into the wood and not saturate the wood up to the surface adequately. Consequence – the treated surface is higher susceptible to dirt.

Surplus residues of oil do dry as a solid film and build-up mat-shiny spots, hard to remove. Within 12 hours drying time, the surface can be re-polished with a white pad to exceed the duty of wear and tear. It also results a silky mat surface.

Re-Waxing:

To result a higher grade of shine, re-wax the surface with IRSA Hard Wax. Before, the oil must be completely dried (approx. 3 days).

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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.

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Tools:

IRSA offers suitable tools for IRSA HP-OIL, e.g. IRSA Brush, Mohair-Roller, Super-Pads (beige, white, green and black), IRSA One-Disc-Polishing Machine, hand-pads for manually sanding blocks 160x220 (beige and white), sanding blocks and IRSA Blitzboy. Treat the surfaces only with suitable tools for best results.

Consumption:

Depending on absorptive subsurface with spatula approx. 30g/m² per application. With roller or brush approx. 80g/m² per application (evenly and thin). For wood-pavements, upright-segment parquet (industry parquet) double quantity, due to kind of wood.

Room-climate and Drying time:

Subjected to carefully wear and tear of the impregnated area after approx. 2 days, full wear and tear (laying carpets, placing furniture) after approx. 14 days.

Durability and conservation of value of oiled floors depend on the carefully wear and tear the first days.

The drying times refer to normal temperature conditions of +20°C and relative air-humidity of 55% . Higher conditions of air-humidity may slow down the drying process. Care for a good air-circulation!

Maintenance and cleaning:

While the final hardness of approx. 6 days the surface is not subjected to full wear and tear, therefore do not treat the floor with water for the first 10 days. As longer and better a fresh impregnated wood-surface will be treated with care for the first days, the longer-lasting will be the durability. The following maintenance either with IRSA Care-Oil (for mat surfaces), IRSA Natura Hard Wax (for silky mat surfaces). For cleaning of intensive dirty floors, use IRSA Soap Cleaner or IRSA Natura Hard Wax (on waxed surfaces).

Please follow the maintenance instructions for oiled and waxed floors and the technical data sheets and labels of all IRSA oils, waxes and maintenance agents.

Storage:

If kept cool and dry, shelf-life for several years in unopened original container.

Cautions:

Keep out of the reach of children

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.

Safety data sheets for professional users available on request.

Contents according to EU recommendation: Fatty acids, C6-19-branched, cobalt (2+)salts, 2-butane-onoxim.

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