

ENVIRONMENTALLY FRIENDLY · NO BIOCIDES · NO PRESERVATIVES
SAFE FOR CHILDREN'S TOYS

HARDWAX-OIL

CLASSIC HIGH SOLID

THE NATURAL FINISH FOR WOOD AND CORK FLOORS
WORK AND TABLE TOPS
AND OTHER HARD USED WOOD SURFACES
SIMPLE - ECONOMICAL - GOOD FOR THE WOOD

PRODUCT CHARACTERISTICS:

SAICOS HARDWAX-OIL is the result of the latest scientific researches regarding the most appropriate treatment of wood. It is a professional and easy-care **natural finish** for wooden floors and other interior wood surfaces. SAICOS HARDWAX-OIL is environmentally friendly and microporous. SAICOS HARDWAX-OIL ensures long durability and beauty of the wood surface. It is colourless (clear) and odourless when dry.

SAICOS HARDWAX-OIL complies with the natural requirements of the wood. It protects the wood naturally and is extremely wear resistant:

The oils penetrate deeply into the wood surface, protecting it from inside and keeping it healthy and elastic.

The hard waxes protect the surface and provide a high wear resistance, making the wood floors non-slip and easy to maintain.

Floors and furniture will be highly water- and dirt repellent. Coffee, wine or aggressive fruit juices cannot penetrate and can therefore be easily removed.

SAICOS HARDWAX-OIL becomes a permanent part of the wood - therefore no sanding is required when renovating or freshing up the surface.

SAICOS HARDWAX-OIL will maintain the natural beauty of the wood, even after many years of use.

COLOUR:

3000 colourless, satin mat,

3300 colourless, mat.

For "whitened" floor apply SAICOS HARDWAX-OIL GROUND COAT WHITE as first coat. For other coloured surfaces use respective colours of SAICOS DuoTop OIL GROUND COAT or SAICOS COLOR WAX transparent (always finish with SAICOS HARDWAX-OIL).

FIELD OF APPLICATION:

Indoor floors of all wood species, hard and soft woods: parquet, solid wood, multiply and veneered wood, OSB etc.

All kinds of cork floors: parquet and cork squares.

Very well suited for other heavy-duty wood surfaces like table and counter tops.

Also recommended for children's toys and other wood objects.

Ideal for use in rooms with high humidity like bathrooms and kitchens.

APPLICATION PROCEDURE:

Preparation

Bare wood surface must be clean, dry and smooth (max. humidity 15 %). Final sanding grain 120-150. Remove dust carefully.

Wood tending to develop blue stain in rooms with high humidity (pine and other soft woods in kitchens and bathrooms) pretreat with SAICOS WOOD IMPREGNATION^{biocidfree} (preventive protective against blue stain and mildew).

Apply on frostfree wood only.

Application

On wood floors: apply with SAICOS oil/wax roller, floor brush, flat handbrush or spring spatula. When applied by brushing machine follow directions of manufacturer. SAICOS HARDWAX-OIL is ready to use, stir well, do not thin.

1st coat: apply evenly and thinly. Remove surplus material with lintfree absorptive cloth.

Drying time: 8 hrs. (depending on temperature and air humidity). Ensure good ventilation.

Note: on hardwoods like Meranti, Wengé, Merbau, Jatoba, also Smoked Oak, etc. SAICOS COLOR WAX EXTRA THIN is recommended for first coat, because it penetrates more easily into the hardwood surface.

2nd coat: also apply thinly and leave to dry as above.

If a modern, white lyed-looking effect on the wood surface is desired which is very attractive on spruce and fir, oak and birch - but also on cork floors - simply apply SAICOS HARDWAX-OIL GROUND COAT WHITE as first coat.

Just as easily a coloured surface can be produced using SAICOS DuoTop OIL GROUND COAT or SAICOS COLOR WAX for first coat. Available in a great variety of colours.

The second and final coat will be SAICOS HARDWAX-OIL as before. This will also protect the colour pigments from abrasion and ensure the usual high wear resistance. The floor treated like this will look as natural as if grown "coloured".

On cork floors: application with SAICOS oil/wax roller.

1st coat: apply very thinly and remove eventual surplus immediately with varnish spatula (the oil is quickly absorbed into the porous cork surface).

Leave to dry approx. 24 hrs. Ensure good ventilation. (white or coloured ground coats see above).

2nd coat: also apply thinly. Remove surplus with absorptive cloth.

Leave to dry approx. 24 hrs. Ensure good ventilation.

Professional application by spraying:

With beaker pistol:

All SAICOS products can be sprayed with a beaker pistol, nozzle size 1,0 – 1,8, spray-gun pressure 1,5 – 2,5 bar.

HVLP (High Volume/Low Pressure)

is a system with a high volume flow and low air pressure. All SAICOS products can be applied with this HVLP system whereby the individual adjustment is important.

Airless/Airmix spraying:

for airless spraying the material is pressed with a pump through the nozzle, and the form of the nozzle decides the result. The pressure depends on the pump and is variable.

All SAICOS products can be applied with this airless and airless plus spraying system. It is recommended to work with low pressure when viscosity is low.

Note: Spraying qualities depend on the nozzles chosen and the spraying pressure. It is recommendable for each user to decide on his individual adjustment as there are different spraying systems on the market (follow manufacturer's directions).

BEST TEMPERATURE FOR APPLICATION:

between 8° C und 35° C

NUMBER OF APPLICATIONS:

2 (for refreshing usually 1 coat will be sufficient).

CLEANING OF WORKING UTENSILS:

With SAICOS BRUSH CLEANERbenzenefree (disaromatized = low odour).

DRYING TIMES:

Approx. 8 hrs. (cork approx. 24 hrs) depending on temperature and air humidity (oxidative drying, ensure good ventilation).

Dust dry 4–6 hrs.

All surfaces treated with SAICOS HARDWAX-OIL will harden further within 2–3 weeks becoming more and more resistant and easy-care.

EASY MAINTENANCE:

Dry cleaning with mop, duster, vacuum cleaner or electrical floor polisher (cleaner). Can also be washed (add some SAICOS WASH CARE ADDITIVE to the water).

For freshing up and removal of heavy stains use SAICOS WAX CARE. Put sparingly on cloth or directly on floor/wood surface and wipe. To remove persistent stains or soils, put WAX CARE on SAICOS POLISHING PAD or Scotchpad and rub off.

Renovation: is also extremely easy – no sanding required, just apply new coat of SAICOS HARDWAX-OIL on clean and dry surface (can also be applied partially – no visible laps).

INGREDIENTS:

Solid content: over 50 % (high solid).

Natural vegetable waxes and oils: Carnauba and Candelilla wax, soybean, sunflower and thistle oils, paraffin waxes.

Additives: Zinc–Zirconium–Cobalt–octoates (drying agents from leadfree minerals). 2–Butanonoxim (prevents forming of skin). Polysiloxanes (silicid acid base, extremely waterrepellent).

Volatile ingredients: aliphatic hydrocarbons (disaromatized white spirit – benzolefree – complies with purity demands of the European pharmacopoeia).

EU limiting value for HARDWAX-OIL (cat. A/i): 600 g/l (2007) / 500 g/l (2010). HARDWAX-OIL contains maximum 460 g/l VOC.

PHYSICAL PROPERTIES:

Specific gravity: 0,886 g/cm³.

Viscosity: slightly thixotropic, creamy.

Odour: mild/weak (after natural vegetable oils and waxes), odourless when dry.

Flashpoint: over 55° C after DIN 53213 (according to EURO–Norm identification not required).

SAFETY ADVICE:

Keep out of the reach of children. Do not fill into containers normally used for food and drink. Do not bring into contact with victuals and animal food. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. Do not apply in the presence of naked flames. Wash out any used cloth immediately or store in airtight container (danger of combustion). – Dried coat normally inflammable (EURO–Norm EN 13501 – DIN 4102).

STORAGE PROPERTIES:

Can be stored at least 5 years in closed container.

Frost resistant. If thickened by frost, store at room temperature for some hours to regain normal consistency.

COVERAGE CAPACITY PER LITRE:

1 L = approx. 13,5 m² with 2 coats,

= approx. 23,0 m² with 1 coat.

CAN SIZES AND COVERAGE:

0,75 L = approx. 10 m² 2 coats,

approx. 17 m² 1 coat;

2,5 L = approx. 33 m² 2 coats,

approx. 57 m² 1 coat;

10,0 L = approx. 135 m² 2 coats,

approx. 230 m² 1 coat;

25,0 L = approx. 330 m² 2 coats,

approx. 570 m² 1 coat;

(dependent on wood species and surface – rough or stratiated wood respectively less).

HEALTH AND ENVIRONMENT:

SAICOS HARDWAX-OIL^{CLASSIC} contains neither biocides nor preservatives. It does not require identification after the ordinance of dangerous materials, and is physiologically harmless. The dried finish complies with German DIN 53160 T. 1+2 (fast to perspiration and saliva) and the EURO–Norm EN 71 T. 3 (assessment of migration behaviour) = suitable for children's toys.

Real Oak Floors

Specialist suppliers of wood flooring and wooden doors