



Technical Data Sheet
No. 2
June 2010

COLOR WAX EXTRA THIN

FOR ALL INTERIOR WOODWORK AND FURNITURE
**INDISPENSABLE FOR FLOORS AND
FURNITURE FROM HARDWOODS**
NATURAL OIL-WAX BASED

PARTICULARLY DEEP PENETRATION - MOISTURE PROOF - MAT

PRODUCT CHARACTERISTICS:

SAICOS COLOR WAX EXTRA THIN is a special wood finish for all interior wood, based on natural vegetable oils and waxes, environmentally friendly and in compliance with the natural requirements of the wood.

It is micoporous, moisture proof and moisture regulating. Allows the wood to breathe - reduces swelling and shrinking.

It penetrates into the wood surface and forms a permanent combination. The wood retains its natural beauty. It therefore is extremely durable and will not crack, flake, peel or blister.

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

The waxes protect the surface, making it resistant and easy to maintain.

SAICOS COLOR WAX EXTRA THIN is of a more liquid consistency than SAICOS COLOR WAX CLASSIC, which allows for a particularly deep and easy penetration into the wood surface. **It is, therefore, indispensable and particularly well suited for the treatment of hardwoods, especially on floors**, but also for oak work tops and general joinery.

The surface is water and dirt repellent, wear resistant and easy to maintain. Coffee, wine or aggressive fruit juices and similar cannot penetrate and can easily be removed from the non-abrasive surface, which is also resistant to household chemicals.

It is ideal for wood and inbuilt furniture in moist surroundings like kitchens and bathrooms because moisture cannot impair the water-repellent surface.

The wax treated, mat surface can be polished to a satin mat sheen.

It can be re-treated or freshened up any-time without sanding. Just another application on clean, dry surface.

COLOUR:

3001 clear/colourless

3008 black transparent

(produces a more evenly coloured surface on exotic hardwoods).

FIELDS OF APPLICATION:

All species and uses of wood in the interior: panellings of walls and ceilings, furniture, doors, mouldings, plywood and laminated wood, beams, counter and table tops - and all other wooden objects, particularly if made from hardwoods and other previous woods.

It is safe for children's toys.

Ideal for wood and built-in furniture in moist surroundings like kitchens and bathrooms, because moisture will not impair the microporous, water-repellent surface.

Especially recommended for the restoration of antique furniture. Enlivens fixivated wood surfaces and makes them resistant and easy-care.

SAICOS COLOR WAX EXTRA THIN - because of its extra deep penetration - **is indispensable for the treatment of hardwoods**, especially hardwood flooring like Meranti, Wengé, Merbau, Jatoba, Mahogany or Smoked Oak. It should therefore be used as a first coat under SAICOS HARDWAX-OIL or PREMIUM HARDWAX-OIL on these wood species.

It is also an excellent ground coat under coloured COLOR WAXES to ensure an even and beautiful coloured surface.

APPLICATION PROCEDURE:

Preparation: Surface must be clean and dry (maximum moisture content 15 %). Remove all varnishes (final sanding grain 120 - 150). Oiled or waxed surfaces need only be cleaned.

If possible treat new wood on all sides before installation.

For wood tending to attract blue stain in moist environments (bathrooms, kitchens...), f. i. pine, and other coniferous (soft) woods, we recommend pre-treatment with one coat of our biozidefree WOOD-IMPREGNATION (preventive protective against mildew and blue stain without the use of fungicides!).

Wood surface must be frostfree.

Application: Apply with SAICOS flat brush, SAICOS oil/wax roller or lint-free cloth.

It can also be applied by dipping or spraying.

SAICOS COLOR WAX EXTRA THIN is ready to use - do not thin, stir before use.

Apply evenly and thinly along wood grain.

Let dry for about 20 minutes - then remove unabsorbed surplus material with lint-free cotton cloth.

Drying approx. **8 hrs** (depending on temperature and air humidity).

Dust-dry after approx. 4 hrs.

For panellings on walls and ceilings one coat will normally be sufficient.

The mat surface can be polished for a satin-mat sheen after drying.

For **floors**, furniture, especially hard used work and table tops, a second coat is also recommended (for floors we recommend our quick drying SAICOS PREMIUM HARDWAX-OIL for second coat).

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.

Apply on frostfree wood only.

NUMBER OF APPLICATIONS:

1 (also as ground coat under coloured waxes

2 on furniture (f. i. hardwood table and worktops).

For floors we recommend our SAICOS HARDWAX-OIL for 2nd coat.

CLEANING OF WORKING UTENSILS:

With SAICOS BRUSH CLEANER^{benzene-free} (disaromatized = low odour).

DRYING TIME:

Approximately 8 hrs., also between coats (depending on temperature and air humidity). Dust-dry after approx. 4 hrs. Ensure good ventilation (oxidative drying).

EASY MAINTENANCE:

Wood surfaces treated with SAICOS COLOR WAX EXTRA THIN do not require any special care. Wipe off dust with a dry or moist cloth (add SAICOS WASH CARE to the water). To remove persistent stains or to freshen up heavily used surfaces, use our liquid SAICOS WAX CARE.

Renovating: is also very easy. Just apply another coat on clean, dry surface. **Surfaces can also be renovated partially - no visible laps.**

INGREDIENTS:

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 water-repellent).

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

EU limit value for COLOR WAX EXTRA THIN (cat. A/f): 700 g/l (2010). SAICOS COLOR WAX EXTRA THIN contains maximum 565 g/l VOC.

PHYSICAL PROPERTIES:

Specific gravity: 0,84 - 0,88 g/cm³.

Viscosity: 28 sec, 3 mm cup, DIN 53211, fluid, liquid.

Odour: mild (of natural vegetable oils and waxes), odourless when dry.

Flashpoint: over 61° C according to DIN 53213 (according to EURO-Norm identification not required).

SAFETY ADVICE:

Keep out of the reach of children. Do not bring into contact with victuals and animal food. Do not fill into containers normally used for food and drink. 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). After drying normally inflammable (EURO-Norm EN 13501 - German 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:

1,0 L = approx. 17 m² 1 coat,
approx. 11 m² 2 coats.

CAN SIZES AND COVERAGE:

0,75 L = approx. 13 m² 1 coat,
approx. 8 m² 2 coats;

2,5 L = approx. 42 m² 1 coat,
approx. 27 m² 2 coats;

10,0 L = approx. 170 m² 1 coat,
approx. 110 m² 2 coats;

25,0 L = approx. 425 m² 1 coat,
approx. 275 m² 2 coats;

(dependent on wood species and surface).

HEALTH AND ENVIRONMENT:

SAICOS COLOR WAX EXTRA THIN 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.

Characteristic (Index) Xn.

The above information is given to the best of our knowledge but without liability.

All SAICOS products are made in Germany.

SAICOS COLOUR GmbH

Carl-Zeiss-Str. 3 · D-48336 Sassenberg · phone +49 (0) 25 83 30 37-0
fax +49 (0) 25 83 30 37-10 · email info@saicos.de · www.saicos.de