

Color Wax

Technical Data Sheet

January 2017

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- » *for interior wood*
- » *on natural oil basis*
- » *ceiling and wall panellings*
- » *furniture, doors, strips, children toys, colouring of flooring (as primer)*
- » *satin matt surface*
- » *oxidative drying*

Product characteristics:

SAICOS Color Wax is an open-pored coating on natural oil basis for all interior wood. Essential for creation of coloured wall panelling or flooring made of wood or cork. Healthy-living and on basis of natural plant raw materials – moisture regulating and breathable.

Saliva and sweat resistant accd. DIN 53160 T.1+2.

Complies with the migration behavior according to DIN EN 71T.3.

DIBt approval: Z-157.10-4

SAICOS Color Wax protects the wood naturally:

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

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

Colours:

3009	White
3010	Colourless
3012	Lemon Yellow
3013	Birch
3017	Silver Grey
3018	Pear
3028	Teak
3032	Cherry
3033	Pink
3034	Raspberry
3051	Vintage Blue
3058	Oak
3081	Walnut
3085	Rosewood
3090	Ebony
4009	White
4019	Black

Note: All colours are mixable with each other. If having tins from different batches, please mix these before usage. The colour result depends on several factors: besides the wood species and quality the sanding is also crucial. We recommend a trial coating on original timber in order to obtain the most accurate preview of the later result (accd. to German DIN 18356).

Fields of application:

For interior wood: ceiling and wall panelling, furniture, doors, strips, laminate beams, ceiling beams, oriented strand board, medium density fibreboards. Also suitable for colouring of wood panelling and flooring made of wood, bamboo and cork. For flooring we recommend a finish with SAICOS Premium Hardwax-Oil or Ecoline Hardwax-Oil. Specially recommended for children toys (saliva and sweat resistant) and other wooden objects. For wood in moist surroundings like kitchen and bathroom. Perfect for refurbishing of furniture. Gives the surface new life and makes it resistant and easy to maintain.

Preparation:

Surface must be clean and dry (max. 12 % moisture). Remove all varnishes (final sanding grain 120 – 150). Remove sanding dust thoroughly. For wood tending to get blue stain in moist environments (bathrooms, kitchens), f. i. pine and other soft woods, we recommend a pretreatment with one coat of SAICOS Wood Impregnation. For exotic wood we recommend a treatment with SAICOS Ground Oil Extra Thin. Please take into account that the pretreatment influences the later colour result. We recommend a trial coating on original wood.

Processing:

Apply with SAICOS Flat Brush or lint-free cloth. Apply with SAICOS Floor Brush or SAICOS Spring Spatula on flooring. SAICOS Color Wax is ready to use - do not dilute. Stir well before use.

1st coat:

Apply evenly and thinly along wood grain. Remove surplus material with lint-free cloth.

Drying time: min. 8 hours (depending on temperature and air humidity). Oxidative drying – provide open windows during and after processing to reach a good air circulation. Dust-dry after approx. 4 hours.

2nd coat:

For panellings on walls and ceilings one coat is normally sufficient (except opaque white and black = 2 coats). For a more intensive colour shade a second coat can be applied after complete drying. For flooring the second coat has to be done with SAICOS Premium Hardwax-Oil or Ecoline Hardwax-Oil (please see technical data sheet).

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Drying time: min. 8 hours (depends on temperature and air humidity).
Oxidative drying – provide open windows during and after processing to reach a good air circulation. Dust-dry after approx. 4 hours.

Important: A finish with *SAICOS Premium Hardwax-Oil* is not possible, if *SAICOS Color Wax* has been applied twice.

Furniture, flooring and other high-wear surfaces get once coated with *SAICOS Color Wax* and finished with *SAICOS Premium Hardwax-Oil* / *Ecoline Hardwax-Oil*.

This product can also be used with machinery. For further information please contact your dealer.

Best processing temperature:
between 8° C und 35° C

Coverage per liter:
1 liter is sufficient for approx. 21 sqm (1 coat)
1 liter is sufficient for approx. 12 sqm
(2 coats – 4009 white opaque / 4019 black opaque)

Cleaning of tools:
with *SAICOS Brush Cleaner*

Storage:
At least 5 years in sealed container. The liquid product is not susceptible to frost. To restore good spreadability after exposure to frost, store at room temperature for several hours and stir well.

Physical properties:
Density: 0.88 – 1.22 g/cm³
Viscosity: 75 – 125 sec, 4 mm cup, DIN 53211
Odour: faint/weak (of natural vegetable oils and waxes),
odourless when dry.
Flashpoint: > 61° C according to DIN 53213

Safety advice - First aid

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs. Wash out any product-soaked rags immediately or store in an airtight container (danger of combustion). The dried coating is normally inflammable acc. to EURO norm EN 13501 (DIN 4102 B2).

Contains:
2-butanonoxim
May cause allergic reactions.

Material safety data sheet available on request.

4009 contains:
2-butanonoxim, phthalic anhydride
May cause allergic reactions.

Material safety data sheet available on request.

EU limit for clear coating and stain (cat. A/e): 400 g/l (2010).
SAICOS Color Wax contains max. 400 g/l VOC.
GISCODE: Ö60
WGK1 labelling according to German norm

Our application advice is provided to the best of our knowledge and based on experiments, however, applies only as a non-binding recommendation and does not exempt you from testing the products supplied by us as to their suitability for the intended purpose. Since the application and processing of the products is beyond our control, the responsibility rests solely with the user. With publishing a new technical data sheet the previous loses its validity.

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