

Decking Oil H₂O

Technical Data Sheet

May 2020

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- » *natural, ecological, innovative*
- » *protects and maintains wooden decks, terraces, furniture and other outdoor wood*
- » *transparent - satin matt*
- » *slip resistant R9*
- » *short drying time*

Product characteristics: Transparent and open-porous, water based special wood colour. Especially developed to protect and maintain wooden decks, furniture and other outdoor wood intended to look "natural". The satin matt and natural looking surface accentuates wood tone and grain. Exceptional good penetration, highly weather resistant, very durable.

SAICOS Decking Oil H₂O protects and maintains the wood naturally: the natural plant oils penetrate deeply into the wood, keep it healthy and elastic and protect the surface against weather influences. Saliva and sweat resistant accd. DIN 53160 T.1+2. Complies with the migration behavior according to DIN EN 71T.3. Slip resistant R9.

Colours:

0310	colourless	
0312	Larch-Oil	transparent
0313	Bangkirai-Oil	transparent
0318	Teak-Oil	transparent

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.

Fields of application: Weather protective and care coating for wood decking, garden furniture, wood on terraces and balconies etc. *SAICOS Decking Oil H₂O* is suitable for all exterior and interior wood.

Preparation: Wood surface must be dry, clean and frost free (max. moisture content 18%). Remove old varnishes (f. i. from garden furniture). Previously oiled or waxed wood needs only to be cleaned (if necessary sand slightly - max. grain 150 - remove dust). Wooden decking should be cleaned with *SAICOS Wood Brightener* before coating with *SAICOS Decking Oil H₂O*.

Important: Pretreat wood tending to get blue stain (f. i. pine, douglas fir, larch, oak) with one coat of *SAICOS Universal Impregnation 9004** (dry at least 3 - 4 hrs). It should not rain during coating and one day afterwards. Wood with grey, weathered sur-

faces can regain its initial appearance by a pre-treatment with *SAICOS Wood Brightener*. If possible coat new wood on all sides before installation. Freshly pressure impregnated wood needs to be exposed to weather prior coating (3-6 months).

*Use biocide products with caution. Always read label and product information prior usage.

Do not apply in direct sunlight.

Processing: *SAICOS Decking Oil H₂O* is ready to use - do not dilute - stir well. Apply with *SAICOS Flat Brush*, *SAICOS Floor Brush* (for wooden decking).

Number of coats:

2x *SAICOS Decking Oil H₂O*

1st coat: Apply evenly and thinly along wood grain.

Drying time: At least 3 - 5 hrs. (depending on temperature and air humidity).

2nd coat: Apply like the 1st coat.

Drying time: Minimum 3-5 hrs. (depending on temperature and air humidity).

Best processing temperature: between 8 °C and 25 °C

Coverage per liter:

1 liter = approx. 8 m² (2 coats on ripped surfaces)

Coverage depends on wood species and wood structure. Deckings that have been exposed to weathering for many years require more material when getting recoated.

Easy maintenance:

Cleaning and maintenance: We advise against the usage of a high pressure cleaner. Possible green growth can be removed easily with *SAICOS Green-Ex*. Greyed surfaces can be treated with *SAICOS Wood Brightener*. Resin can be removed with *SAICOS Brush Cleaner*.

This product can be processed mechanically.

For further information please contact your specialist supplier.

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Renovation: SAICOS Decking Oil H₂O surfaces can also be over-coated with SAICOS Special Wood Oil after being exposed to weathering for at least one year.

Cleaning of tools: Wash out with plenty of water.

Storage:

At least 2 years in sealed container. The liquid product is susceptible to frost.

Transport and store frost-protected (> 5 °C).

Physical properties:

Density: 0.95 - 1.05 g/cm³

Viscosity: 25 - 35 seconds, 3 mm cup, DIN 53211

Odour: weak/mild, odourless when dry

Flashpoint: non-flammable

Ingredients: alkyds based on natural vegetable oils, polymer dispersion, colour pigments, additives, water.

Safety - First Aid:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs. Avoid eating, drinking and smoking during use. When grinding, use P2 dust filter. For spray-application wear protective eyewear and use combi-filter A2/P2 for respiratory protection. Ensure proper ventilation during processing and drying. In case of eye or skin contact rinse with clear water immediately. Do not allow to enter drains, water or soil. Cleaning of tools immediately after use with water and soap. Only recycle containers which are free of residues. Dispose of liquid residues at a collection point for old coatings. Product contains sodium pyrithione and BIT. Information for people with allergies: tel.: +49 2583 30 37-0. Contains: TMDD. May produce an allergic reaction. Safety data sheet available on request.

EU limit minimal film creating stains: (Kat. A/f): 130 g/l VOC (2010). SAICOS Decking Oil H₂O contains max. 130 g/l VOC.

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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