

# Special Wood Oil

Technical Data Sheet

March 2020

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- » protects and maintains wooden decks, terraces, furniture and other outdoor wood
- » transparent – satin matt
- » slip resistant R9
- » weatherproof
- » water- and dirt-repellent

**Product characteristics:** Transparent and open-porous special wood colour with natural oil base. 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 Special Wood Oil** 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.

**Important:** Products made of oak or bamboo pretreat with one coat of *SAICOS Universal Impregnation 9004*.

**Drying time:** approx. 4 - 6 hours (depending on temperature and air humidity). It might not rain during the application and one day after coating. \*Use biocide products with caution. Always read label and product information prior usage.

#### Colours:

|      |               |                               |
|------|---------------|-------------------------------|
| 0110 | Special-Oil   | colourless                    |
| 0112 | Larch-Oil     | transparent                   |
| 0113 | Bangkirai-Oil | transparent                   |
| 0116 | Pine-Oil      | for pressure impregnated wood |
| 0118 | Teak-Oil      | transparent                   |
| 0122 | White         | transparent                   |
| 0123 | Grey          | transparent                   |
| 0180 | Black         | transparent                   |

#### Additive for Special Wood Oil

0240 Anti-Slip R10

Can be used for all colours.

#### 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 Special Wood Oil* is the appropriate finish for hard and fine woods, thermowood and pressure impregnated woods and all other 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 need 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 Special Wood Oil*.

**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 4 - 6 hrs). It should not rain during coating and one day afterwards. Wood with grey, weathered surfaces 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.

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

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

**2nd coat:** Apply like the 1st coat.

**Best processing temperature:** between 8 °C and 35 °C

#### Coverage per liter:

1 liter = approx. 14 m<sup>2</sup> (2 coats)

Apply on frost free wood surfaces only. The coverage has been calculated for even wood deckings. Grooved/corrugated wood deckings increase the surface owing to their surface structure. Coverage per m<sup>2</sup> is increased. Deckings that have been exposed to weathering for many years require more material when re-coating.

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## Number of coats:

2x SAICOS Special Wood Oil

## Drying time:

Minimum 8 hours (depends on temperature and air humidity).

Dust dry after approx. 4 hours.

## Easy maintenance:

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

**Renovation:** SAICOS Special Wood Oil surfaces can also be over-coated with SAICOS Decking Oil H<sub>2</sub>O after being exposed to weathering for at least one year.

**Cleaning of tools:** with SAICOS Brush Cleaner or thinner.

## 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:** 0.86 – 0.95 g/cm<sup>3</sup>

**Viscosity:** 32 – 38 seconds, 3 mm cup, DIN 53211

**Odour:** faint / weak (like natural vegetable oils), odourless when dry

**Flashpoint:** > 61 °C according to DIN 53213

## Safety - 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).

Safety data sheet available on request.

EU limit minimal film creating stains: (Kat. A/f): 700 g/l VOC (2010). SAICOS Special Wood Oil contains max. 700 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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