

Clear Oil Finish

Technical Data Sheet

March 2020

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- » on natural oil basis
- » for all wood species and plenty purposes
- » for exterior and interior
- » water and dirt repellent
- » durable

Product characteristics:

SAICOS Clear Oil Finish is a colourless oil finish for wood, which shall keep its natural character. It is water and dirt repellent, non-slip, and highly resistant against scratches and abrasion.

SAICOS Clear Oil Finish protects the wood naturally:

The natural plant oils penetrate into the wood, keep it healthy and elastic and protect the surface against weather influences and moisture. Swelling and shrinking of the wood (forming of gaps) is reduced.

SAICOS Clear Oil Finish bonds permanently with the wood, it will not crack, flake, peel or blister, therefore no sanding in case of renovation. The surface is dirt and water repellent and very resistant concerning common household chemicals. Coffee, tea, wine, beer, coke, fruit juice, milk nor water can penetrate and are therefore easily removed (acc. DIN 68861-1C).

Colours:

0111 Colourless

Note:

The satin matt finish underlines the natural character of the wood but - being colourless - does not have any UV protection. The wood will, according to its nature, darken or bleach by the influence of sunlight. SAICOS Clear Oil Finish does not contain biocides or preservatives and is therefore also suitable for interior wood.

Field of application: SAICOS Clear Oil Finish is suitable for all wood species and many purposes:

1. As a clear (colourless) coating for all wood wanted to be left natural (2 coats).
2. As slightly glossy finish (1 coat) on top of open-pored coating on oil base for wooden cladding, garden furniture, shutters, garage doors...

Preparation:

Wood surface must be clean and dry. Remove any old varnishes. Surfaces previously coated with SAICOS Clear Oil Finish or other microporous finishes need only be cleaned – no sanding needed. If possible apply first coat on unfinished wood on all sides before installation. Wood tending to develop rot, blue stain, and mildew (f.i. pine, douglas fir, larch) shall be pretreated from all sides with SAICOS Universal Impregnation 9004 (drying time min. 4 - 6 hours).

* Use biocide products with caution.

Always read label and product information prior usage.

Processing:

Apply with SAICOS Flat Brush, SAICOS Oil/Wax Roller or SAICOS Universal Roller "Small". SAICOS Clear Oil Finish is ready to use - do not dilute. Stir well. Apply evenly and thinly along wood grain.

Best processing temperature:

between 8° C und 35° C

Apply on frost-free wood only.

Coverage per liter:

1 liter is sufficient for approx. 13 sqm (2 coat) on smooth wood or approx. 17 sqm (1 coat) on smooth wood.

Coverage depends on wood species and surface structure.

Number of coats:

2x on untreated wood

1 – 2x in case of renovation (depends on surface condition)

This product can also be used with machinery.

For further information please contact your dealer.

Drying time: Minimum 10 hours (depending on temperature and air humidity). Dust dry approx. 6 hours.

Oxidative drying – provide open windows during and after processing to reach a good air circulation. (Ensure that garden furniture is completely dry before using)

Easy maintenance:

Cleaning and maintaining: Dirt can be removed with water. Green growth can easily be removed with SAICOS Green-Ex. Remove resin and other wood ingredients with SAICOS Brush Cleaner.

Renovation:

Just apply another coat of SAICOS Clear Oil Finish (or another SAICOS product on oil basis) on cleaned surface.

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.

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Physical properties:

Density: 0.86 – 0.9 g/cm³

Viscosity: 32 - 38 sec, 3 mm, DIN 53211

Odour: faint/weak (as natural vegetable oils), odourless when dry.

Flashpoint: > 61° C acc. DIN 53213

Safety instruction – 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 for minimal film creating stains (cat. A/f): 700 g/l (2010).
SAICOS Clear Oil Finish contains maximum 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.

SAICOS COLOUR GmbH

Carl-Zeiss-Str. 3

D-48336 Sassenberg

☎ +49 2583 3037-0

📠 +49 2583 3037-10

✉ info@saicos.de

www.saicos.de