

Wood Stain

Technical Data Sheet

January 2020

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- » protects and maintains half-timbered construction, balcony cladding and other outdoor wood
- » weatherproof surface
- » water- and dirt-repellent
- » block resistance
- » on natural oil basis

Product characteristics:

Transparent wood stain on natural oil base for all outdoor wood with a highly weatherproof surface. SAICOS Wood Stain provides a beautiful natural colouration of the wood. Open-pored, water-repellent and extremely durable. Reduces swelling and shrinking of the wood. Natural oils penetrate deeply into the wood and protect effectively against moisture and weather influences. Colour pigments with high UV-resistance ensure durable beauty of the wood surface.

SAICOS Wood Stain bonds permanently with the wood – therefore no sanding in case of renovation, not even after many years.

Colours:

0001	Colourless	transparent
0009	White	transparent
0010	Spruce	transparent
0011	Pine	transparent
0018	Sand	transparent
0030	Swedish Red	transparent
0031	Larch	transparent
0038	Mahogany	transparent
0060	Fir Green	transparent
0070	Pearl	transparent
0071	Rock Grey	transparent
0081	Walnut	transparent
0082	Teak	transparent
0086	Oak	transparent
0089	Rosewood	transparent
0091	Ebony	transparent
0092	Anthracite	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.

Field of application:

All wood at the house:

wooden cladding, roof overhangs, half-timbered constructions, balcony cladding, windows, shutters, carport, ...

All wood in the garden:

pergolas, screen panels, trellis, fences, garden gates, garden houses, ...

Perfect for pressure impregnated wood. Suitable for thermo-wood (trial application recommended).

Preparation:

Wood surface must be dry and clean (max. moisture content 18%). Remove old varnishes. Previously with SAICOS Wood Stain or other open-pored stains treated wood needs only to be cleaned, sanding not required. The final shade of transparent stains is influenced by the wood background – you might make a trial coating. If possible coat untreated wood on all sides prior installation.

Wood extremely exposed to weather influences can be protected additionally by a preservative coat of SAICOS Universal Impregnation 9004 (let dry for at least 4 - 6 hrs).

*Use biocides with caution.

Always read the label and product information before use.

Processing:

Apply with SAICOS Flat Brush, SAICOS Oil/Wax-Roller or SAICOS Universal Roller "Small".

SAICOS Wood Stain is ready to use – do not thin – stir well.

Number of coats:

2x SAICOS Wood Stain

1st coat:

Apply evenly and thinly along wood grain.

Drying time: min.10 hours (depending on temperature and air humidity)

2nd coat:

Apply also evenly and thinly along wood grain.

Drying time: min.10 hrs (depending on temperature and air humidity)

This product can also be used with machinery.

For further information please contact your dealer.

Best processing temperature:

between 8 °C and 35 °C

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Coverage per liter:

approx. 13m² (2 coats)

Apply on frost free wood surfaces only.

Coverage depends on wood species and surface structure.
(Roughly sawn wood may have a higher consumption.)

Easy maintenance:

Surfaces treated with *SAICOS Wood Stain* do not require special maintenance. Dirt can be removed with water. Persistent green growth can be easily removed with *SAICOS Green-Ex*.

Renovation:

In case of renovation a sanding is mostly not necessary – depending on surface condition a slight sanding and a new coat on cleaned surface might be needed.

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: 0.98 - 1.15 g/cm³

Viscosity: 28 - 40 seconds, 4 mm cup, DIN 53211

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

Flashpoint: > 61 °C according to 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 DIN EN 13501-1 (DIN 4102 B2). Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container to industrial incineration plant. Repeated exposure may cause skin dryness or cracking.

Contains:

IPBC; propiconazole, 2-butanone oxime.

May produce an allergic reaction.

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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EU limit for stain (cat. A/e): 400 g/l VOC (2010).

SAICOS Wood Stain contains max. 400 g/l VOC.