

Wood Impregnation biocide-free

Technical Data Sheet

June 2022

Page 1/2



- » *natural protection without the use of organic biocides*
- » *for all interior wood susceptible to discolouration*
- » *especially recommended for soft woods in bathroom and kitchen*
- » *just a primer – final coating after drying with SAICOS products*
- » *oxidative drying*

Product characteristics:

Wood Impregnation biocide-free for wood tending to discolour, such as spruce and other soft wood. Entirely free from organic biocides, therefore absolutely harmless in living areas. Especially recommended for treatment of wood tending to develop blue stain in moist areas like bathroom and kitchen. Healthy-living – on basis of natural raw materials. Water repellent and moisture resistant. Reduces swelling and shrinking of the wood. Saliva and sweat resistant acc. DIN 53160 T.1+2. Complies with the migration behavior according to DIN EN 71T.3.

SAICOS Wood Impregnation biocide-free protects the wood naturally against blue stain, mildew and other damages caused by humidity:

It penetrates deeply into the wood, impregnates it and keeps it elastic. Breathability of the wood is maintained – moisture can leak from the wood. *SAICOS Wood Impregnation biocide-free* is low in odour and odourless when dry.

Colour:

9000 Colourless

Fields of application:

Interior wood: Panellings on walls and ceilings, windows, doors, beams, mouldings...

Wood Furniture: cupboards, chests of drawers, shelves, from solid wood or veneered.

Floors: parquet, solid wood floors, multiply floors...

Preparation:

Wood surface must be clean and dry (max. moisture content indoor wood 12 %) and free of any coating. Sand off existing paint completely. Apply just on frost-free wood and if possible on all sides.

Note:

We recommend a trial coating on original timber in order to obtain the most accurate preview of the later result (acc. DIN 18356).

Processing:

SAICOS Wood Impregnation biocide-free is ready to use – do not dilute. Apply intensively and evenly with [SAICOS Flat Brush](#), [SAICOS Oil/Wax Roller](#) or [SAICOS Universal Roller "Small"](#). Application quantity at least 120 ml/m².

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:

approx. 8 m² (1 coat)

Coverage depends on wood species and surface structure.

Number of coats:

1x (required quantity 120 ml/m²). In order to obtain permanent protection, the final coating should be done within 1 week.

Drying time:

At least 18 hours before application of final coating (depending on temperature and air humidity).

Oxidative drying – provide open windows during and after processing to reach a good air circulation.

Cleaning of tools:

with [SAICOS Brush Cleaner](#)

Further treatment of the wood (finish):

SAICOS Wood Impregnation biocide-free is not a finishing product. To ensure full effect of the impregnation a final coat should be applied within a week. As best matching product we recommend for indoor wood, especial flooring [SAICOS Premium Hardwax-Oil](#).

Wood Impregnation biocide-free

Technical Data Sheet

June 2022

Page 2/2



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: 0.82 - 0.86 g/cm³

Viscosity: 21 - 29 seconds, 3 mm cup, DIN 53211

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

Flashpoint: > 61 °C according to DIN 53213

Safety Instructions – 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 13501-1 (DIN 4102 B2). May be fatal if swallowed and enters airways. IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. Do NOT induce vomiting. Keep locked up. Dispose of contents/container to industrial incineration plant. Repeated exposure may cause skin dryness or cracking.

Contains:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics.

EU limit for minimal film creating stains (cat. A/f): 700 g/l (2010). SAICOS Wood Impregnation biocide-free 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