

UV Protection Wood Finish Interior

Technical Data Sheet
March 2020
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- » *transparent, waterbased wood coating*
- » *with UV protection against yellowing for light interior wood*
- » *extremely resistant*
- » *water and dirt repellent*
- » *modified oil technology*
- » *quick drying (only 3 – 5 hours)*

Product characteristics:

SAICOS UV Protection Wood Finish Interior is a satin matt wood finish which is preventive protective against yellowing of light interior wood. It combines the advantages of a wellproven microporous oil based wood finish with good dirt repelling properties and a fast drying.

Saliva and sweat resistant accd. DIN 53160 T.1+2.

Complies with the migration behavior according to DIN EN 71T.3.

Colours:

7701	Colourless	with UV protection, satin matt
7704	White	transparent, with UV protection, satin matt

Note:

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 (accd. to German DIN 18356).

Fields of application:

All interior wood which is required to keep its natural appearance but at the same time be UV protected against yellowing, and to have an elegant refined dirt resistant surface.

Therefore particularly recommended for rooms with modern high ceilings from natural wood which shall be kept looking "natural". SAICOS UV Protection Wood Finish Interior dries quickly and is suitable for the following interior wood: ceiling and wall panelling, furniture, doors, strips, laminate beams, ceiling beams, oriented strand board, medium density fibreboards, children toys (saliva and sweat resistant) and all, not mechanically used interior wood.

Preparation:

Wood surface must be clean and dry. Any previous varnishes must be removed (final sanding grain 150). Surfaces previously already treated with SAICOS UV Protection Wood Finish Interior need only be cleaned and slightly sanded if necessary. Remove dust carefully. If possible apply first coat on all sides of the boards before mounting.

Processing:

Application with SAICOS Oil/Wax Roller, SAICOS Universal Roller "Small" or SAICOS Flat Brush. Stir well - do not dilute.

1st coat:

Apply generously and length by length with the wood grain. Avoid overlapping of the coating.

2nd coat:

Apply generously and continually length by length and let dry. One coat is sufficient in case of renovation.

Drying time:

approx. 3-5 hours (depends on temperatur and air humidity). Complete curing after approx. 24 hours.

Best processing temperature:

between 8° C and 25° C.

Coverage per liter:

1 liter is sufficient for approx. 8.5 sqm (2 coats)
Coverage depends on wood species and surface structure.

Number of coats:

2 coats (allow drying between coats).
For renovating usually 1 coat is sufficient.

Easy maintenance:

SAICOS UV Protection Wood Finish Interior does not require any specific care. Wiping off any dirt with dry or slightly wet cloth (*Ecoline Wash Care*) is sufficient. In case of renovation a complete sanding is normally not necessary. Depending on surface condition, slight sanding might be of advantage, and another coat can then be applied on the cleaned surface. For a coloured application our SAICOS *Bel Air* transparent or opaque is recommended.

Cleaning of tools:

Clean immediately after use with water.

Storage:

At least 2 years in sealed container. The liquid product is susceptible to frost. Transport and store frost-free (> 5 °C).

Physical properties:

Density: 1.04 – 1.14 g/cm

Viscosity: 18 - 24 sec, 4 mm cup, DIN 53211.

Odour: faint / weak, odourless when dry

Flashpoint: not flammable.

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Safety instructions:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs.

Contains: adipohydrazide.

May produce an allergic reaction.

Safety data sheet available on request.

EU limit for clear coating and stain (cat. A/e): 130 g/l (2010).

SAICOS UV Protective Wood Finish Interior contains max. 130 g/l VOC.

GGVSEB / ADR -/-

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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