



# UV PROTECTIVE WOOD FINISH INTERIOR

**TRANSPARENT UV PROTECTIVE FINISH AGAINST YELLOWING  
 FOR ALL INTERIOR WOOD - VERY DURABLE  
 WATER REPELLENT AND DIRT RESISTANT - EASY CARE  
 MODIFIED OIL TECHNOLOGY - QUICK DRYING (ONLY 3 - 4 HRS.)**

## PRODUCT CHARACTERISTICS:

SAICOS UV PROTECTIVE WOOD FINISH INTERIOR is a newly developed transparent, satin mat wood finish which is preventive protective against yellowing for all interior woodwork combining the advantages of a wellproven microporous oil based wood finish with the good qualities of a satin mat, water and dirt repellent aesthetical modern wood finish.

SAICOS UV PROTECTIVE WOOD FINISH INTERIOR produces an even, satin mat surface which dries quickly.

It is highly resistant against mechanical damages (scratches) and suitable for all wood species in the interior.

The finish forms a durable combination with the wood surface. It is microporous and moisture regulating, will not crack, flake, peel or blister and in case of renovation just needs another coat on the clean and dry surface.

SAICOS UV PROTECTIVE WOOD FINISH INTERIOR is suitable for all interior woodwork: wood on walls or ceilings, furniture, doors, mouldings, plywood, laminated wood and other wooden objects. It is safe for children's toys.

## COLOURS:

**7701** colourless satin mat

**7704** white transparent

(other colours please enquire).

## 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".

## APPLICATION PROCEDURE:

**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 PROTECTIVE 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.

**Application:** with short haired roller, soft plastic brush with synthetic bristles or by spraying.  
 Stir up well - do not thin.

**First coat** apply generously and continually length by length along wood grain. Avoid overlapping. Leave to dry approx. 2 hrs (depending on room temperature and air humidity).

**Second coat** also apply quickly length by length, and leave to dry.

In case of renovation one coat will normally be sufficient.

**Note:** SAICOS UV PROTECTIVE WOOD FINISH INTERIOR is a finishing coat by itself. If a coloured finish should be desired later, we recommend our SAICOS Wood Finish BEL AIR (available in transparent and opque colours, also modified oil technology-based).

## Professional application by spraying:

### With beaker pistol:

All SAICOS products can be sprayed with a beaker pistol, nozzle size 1,0 - 1,8, spray-gun pressure 1,5 - 2,5 bar.

### HVLP (High Volume/Low Pressure)

is a system with a high volume flow and low air pressure. All SAICOS products can be applied with this HVLP system whereby the individual adjustment is important.

### Airless/Airmix spraying:

for airless spraying the material is pressed with a pump through the nozzle, and the form of the nozzle decides the result. The pressure depends on the pump and is variable.

All SAICOS products can be applied with this airless and airless plus spraying system. It is recommended to work with low pressure when viscosity is low.

**Note:** Spraying qualities depend on the nozzles chosen and the spraying pressure. It is recommendable for each user to decide on his individual adjustment as there are different spraying systems on the market (follow manufacturer's directions).

## BEST TEMPERATURE FOR APPLICATION:

Between 8° C and 35° C.

## NUMBER OF APPLICATIONS:

2 coats (allow 2 hrs. drying between coats).

For renovating usually 1 coat will be sufficient.

## CLEANING OF WORKING UTENSILS:

Clean immediately after use with water (and soap).

## DRYING TIME:

Approx. 3 to 4 hrs., dust-dry after approx. 1 hour.

Entirely hardened after approx. 24 hrs.

## EASY MAINTENANCE:

SAICOS UV PROTECTIVE WOOD FINISH INTERIOR does not require any specific care. Wiping off any dirt with dry or slightly wet cloth will suffice.

In case of renovation a complete sanding off will normally not be necessary. Depending on surface condition, slight sanding might be of a advantage, and another coat can then be applied on the cleaned surface. For an eventual coloured application our SAICOS BEL AIR transparent or opaque is recommended.

**INGREDIENTS:**

Oil-modified polymer dispersion based combination of water dilutable varnish and oil modified colour systems.

UV protection pigments (all permitted for use in the food sector), water repellent additives.

Solvent: water.

**EU limit value for UV Protective Wood Finish Interior (cat. A/e): 130 g/l (2010). SAICOS UV PROTECTIVE WOOD FINISH INTERIOR contains maximum 40 g/l VOC.**

**PHYSICAL PROPERTIES:**

Viscosity: 21-35 s, 4 mm, DIN 53211.

Specific gravity/density: 1,05 – 1,35 g/cm<sup>3</sup>.

Odour: weak, odourless when dry.

Flashpoint: not flammable (EURO-Norm identification not required).

Dry coat is normally inflammable according to EURO standard EN 13501 (DIN 4102).

**SAFETY ADVICE:**

Keep out of the reach of children. Do not bring into contact with victuals and animal food. Do not fill into containers normally used for food and drink. In case of contact with eyes rinse immediately with plenty of water and seek medical advice.

Recycling of entirely empty receptacles only. Do not discharge into sewage – leave to harden and dispose of with regular waste. Disposal of bigger quantities according to official regulations (European Waste Code EWC 080102).

**STORAGE PROPERTIES:**

Stored dry and tightly closed: at least 2 years.  
Do not expose to frost during transport and storage.

**COVERAGE CAPACITY PER LITRE:**

1 L = approx. 15 m<sup>2</sup> 1 coat on smooth wood,  
or 9 m<sup>2</sup> 2 coats on smooth wood  
(on rough or stratified wood approx. 40 % more).

**CAN SIZES AND COVERAGE:**

**0,75 L** = approx. 11 m<sup>2</sup>, 1 coat,  
approx. 7 m<sup>2</sup>, 2 coats;

**2,5 L** = approx. 37 m<sup>2</sup>, 1 coat,  
approx. 23 m<sup>2</sup>, 2 coats;

**10,0 L** = approx. 150 m<sup>2</sup>, 1 coat,  
approx. 90 m<sup>2</sup>, 2 coats;

**25,0 L** = approx. 375 m<sup>2</sup>, 1 coat,  
approx. 225 m<sup>2</sup>, 2 coats;

(dependent upon wood species and state of surface).

**HEALTH AND ENVIRONMENT:**

SAICOS UV PROTECTIVE WOOD FINISH INTERIOR contains neither biocides nor formaldehyde and is therefore especially well suited for indoor use.

It does not require identification after the ordinance of dangerous materials, and is physiologically harmless.

The dried finish complies with German DIN 53160 T. 1+2 (fast to perspiration and saliva) and the EURO-Norm EN 71 T. 3 (assessment of migration behaviour) = suitable for children's toys.

It is low in odour, and odourless when dry.

The above information is given to the best of our knowledge but without liability.

All SAICOS products are made in Germany.

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