

# Bel Air H<sub>2</sub>O Garden and cladding colour

Technical Data Sheet

June 2022

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- » wood for exterior and interior
- » colourless, opaque and transparent
- » extremely UV- and weather-resistant (except colourless)
- » water basis
- » fast drying

## Product characteristics:

SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour is an opaque or transparent wood coating for exterior and interior, combining both the advantages of an approved open-pored, oil-based wood coating with the good attributes of a dirt repellent water dilutable product. These special characteristics mainly base on the modified oil technology that has especially been developed for this product. Saliva and sweat resistant accd. DIN 53160 T.1+2. Complies with the migration behavior according to DIN EN 71T.3.

SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour protects the wood in a natural way and is extremely resistant: Natural oils penetrate deeply into the wood, protect it from inside and keep it elastic. The polymer dispersion protects the surface against the impacts of weather and moisture.

Colour pigments with high UV resistance provide lasting beauty of the coating. SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour only requires 2 coats on the untreated wood – no primer needed. SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour provides an even, satin surface that dries very quickly.

It is extremely resistant against the impacts of weather and mechanical damages (scratches) – therefore the perfect coating for all kinds of wood in outdoor areas. The coating bonds permanently with the wood. It is open-pored and moisture regulating, it does not crack nor peel off. For renovating it is sufficient to apply an additional coat on the cleaned surface.

## Colours:

7200	White	opaque
7202	Pearl White	opaque
7223	Orange Yellow	opaque
7230	Swedish Red	opaque
7235	Ruby Red	opaque
7251	Dove Blue	opaque
7260	Fir Green	opaque
7271	Agate Grey	opaque
7273	Iron Grey	opaque
7280	Greyish Brown	opaque
7281	Earth Brown	opaque
7291	Anthracite Grey	opaque

7292	Pine	transparent
7293	Red Cedar	transparent
7298	Walnut	transparent
720002	Colourless	transparent
720009	White	transparent
720031	Larch	transparent
720060	Fir Green	transparent
720071	Rock Grey	transparent
720082	Teak	transparent
720086	Oak	transparent
720091	Ebony	transparent
720092	Anthracite	transparent

This system is also available acc. to RAL or NCS.

This system is also available equipped with biocides (only for outdoor use & no Blue Angel approval).

## 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.

## Fields of application:

**All wood at the house:** claddings, roof overhangs, half-timbered constructions, balconies, carports, shutters, garage doors...

**All wood in the garden:** pergolas, screen panels, trellis, fences, doors, garden houses, garden furniture...

SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour is absolutely safe for health and can therefore also be used in indoor living areas.

SAICOS Bel Air H<sub>2</sub>O Garden and cladding colour is also available for industrial application in the same high quality and in the same colours (see brochure for industrial applications). Individual colours on request.

## Preparation:

In order to prevent sweeping knots and discolouration we recommend a coating with [SAICOS Primer White](#). We recommend a previous treatment with [SAICOS Universal Impregnation 9004\\*](#) (drying time min. 4 - 6 hours.). \* Use biocide products with caution. Always read label and product information prior usage. May just be sold to Ger-

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many, Poland, Czech Republic and Slovakia.

Wood surface must be dry (max. moisture 18 %) and clean. Strip or sand off any lacquer coating (final sanding grain 120 – 150), remove any loose paints. Surfaces formerly treated with SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour* or with other microporous finishes just need to be cleaned and do not need sanding. If possible, apply first coat on untreated wood on all sides before mounting.

## Processing:

Application with [SAICOS Flat Brush](#), [SAICOS Oil / Wax Roller](#) or [SAICOS Universal Roller "Small"](#). SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour* is ready for use – do not thin. Stir well.

## Number of coats:

2x SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour*

### 1st coat:

Apply generously, quickly, length by length and let dry.

**Drying time:** approx. 3-5 hours (depending on temperature and air humidity).

### 2nd coat:

Apply generously, quickly, length by length and let dry. In case of light colour shades or dark and strongly weathered surfaces, we recommend 3 coats or one priming coat with [SAICOS Primer White](#).

**Drying time:** approx. 3-5 hours (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 und 25° C

## Coverage per liter:

1 liter is sufficient for approx. 8.5 sqm (2 coats).

Coverage depends on wood species and surface structure.

## Easy maintenance:

SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour* does not require any special care. Dirt can be removed with water.

## Renovation:

For renovating a sanding is normally not necessary – depending on the surface condition, a slight sanding might be needed. Apply afterwards a new coat of SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour* on the cleaned surface.

## 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:** 1.06 – 1.29 g/cm<sup>3</sup>

**Viscosity:** 40 – 50 sec, 4 mm cup, DIN 53211

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

**Flashpoint:** not flammable

## Safety Instructions - First Aid:

Keep out of the reach of children. Do not fill into food, beverage or other containers used for foodstuffs. Avoid eating, drinking and smoking during use. When grinding, use P2 dust filter. For spray-application wear protective eyewear and use combi-filter A2/P2 for respiratory protection. Ensure proper ventilation during processing and drying. In case of eye or skin contact rinse with clear water immediately. Do not allow to enter drains, water or soil. Cleaning of tools immediately after use with water and soap. Only recycle containers which are free of residues. Dispose of liquid residues at a collection point for old coatings. Product contains sodium pyrrithione and BIT. Information for people with allergies: tel.: +49 2583 30 37-0. Safety data sheet available on request. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

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

SAICOS *Bel Air H<sub>2</sub>O Garden and cladding colour* contains maximum 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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