

# Wood Shield™ Color Based



**THINNING**  
0%



**COVERAGE**  
14 - 16m<sup>2</sup>/L



**APPLICATION**  
brush



**DRYING**  
1 - 2 hours



Biobased wood stain  
polyurethane varnish

### » High protection against UV radiation

Alkyd polyurethane waterborne wood stain varnish with nanotechnology modification. It is 43% biobased according to EN16640:2017, verified by an independent certification body. Protects, waterproofs, decorates the wood. It is tinted in the KRAFT INSPIRED COLOR system in selected translucent bright shades that highlight the wood-grains. Suitable for external and internal wooden surfaces, such as doors, windows, frames, pergolas, fences, linings, benches, etc. It is also suitable for children's furniture and toys since it complies with the EN71-3 standard. The built-in filters against ultraviolet radiation and the special additives it contains, strengthen its water-repellency, and its weather, humid and pollution resistance. At the same time, due to the biocides it contains, it effectively prevents the growth of mold and fungi on its film.

#### A/f (WB) Interior and exterior minimal build woodstains.

- VOC Limit Value: 130g/L.
- Maximum content of VOC of the product in its ready to use condition: 129 g/L

### » Waterproofing

### » Easily applied

#### TECHNICAL CHARACTERISTICS

Binder Type	Alkyd/Polyurethane
Specific Gravity ISO 2811 @ 25°C	1,04 g/mL (±0,02)
Solids Content w/w ISO 3251-03	29% (±3)
Viscosity @ 25°C ASTM D-562	95KU (±15)
pH	8,7 (±0,5)
Spreading rate per coat	14-16 m <sup>2</sup> /L*

\* Depending on the shade the application conditions and surface absorption

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Biobased wood stain  
polyurethane varnish

## SURFACE PREPARATION

The surface must be dry and free of dust, mold or resin. Sand with a suitable abrasive paper, along with the grain, and smooth well the surface.

- » **On new wooden surfaces:** Remove greases or resins with KRAFT BRUSH THINNER, sanding parallel to the grain, removing the dust with a damp, lint-free cloth, apply 1 coat of KRAFT WOOD CARE AQUA wood preservative KRAFT for protection against woodworm and fungi.
- » **On painted surfaces:** Remove all old paint or varnish using KRAFT REMOVER and then clean the surface with KRAFT BRUSH THINNER or sand well until their removal with the appropriate sandpaper. After complete drying of the surface and removing all residues, repair all the defective points of the wood with suitable putty.

## APPLICATION INSTRUCTIONS

- » Product ready for use. Can be diluted optionally up to 5% with water.
- » Check the wood moisture before painting. It shall not exceed 10%.
- » Do not apply on wooden surfaces which are in contact with the ground or water.
- » Appropriate application tool for this product is brush.
- » The durability of the film is reduced when applied on horizontal surfaces that are pressed.
- » Some types of wood such as Iroko and impregnated oak reduce the durability of the varnish.
- » Stir well before use. Apply 2 – 3 coats of KRAFT WOOD SHIELD COLOR BASED for the best result.
- » Its opacity is reduced when applied to dark-colored or different-colored woods.
- » In very exposed surfaces apply 3 coats of KRAFT WOOD SHIELD COLOR BASED.
- » Minimum recoat time is approx. 24 hours.
- » The surface drying time is 1 – 2 hours at 25°C and 50% relative humidity (drying times are longer in wet / cold conditions).
- » The final shade of the painted wood depends on its original color and age.
- » Avoid application at temperatures below 10°C or greater than 35°C and relative humidity greater than 60%.

## AFTER USE INSTRUCTIONS

- » Close the bucket well to maintain in good condition for future use. Store before and after opening in a cool place and away from sunlight or frost conditions.
- » Clean the tools thoroughly with water and soap
- » **Up to 7 years protection:** Concerns suitably prepared wood which has been applied a coat of KRAFT WOOD CARE AQUA preservative and 3 coats of varnish. It depends on exposure to weather conditions and type of wood. Durability period may be reduced if the wood is exposed to severe weather conditions, permanently Southwest orientation or prolonged moisture and standing water.

## PACKAGING

Available in transparent base tinted in 12 translucent bright shades in 0.74L and 2.2L containers

## HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Read label before use. For further information please consult the Safety Data sheet.

Poison Centre Telephone:

**+30 210 7793 777**

## STORAGE

Store the product at temperatures between 5°C and 35°C away from direct sunlight and rain, for a maximum of 24 months from the date of production. Keep containers tightly closed when not in use.

09/23 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

2/2

**DISCLAIMER:** The above technical data, information, recommendations, and instructions are based on our scientific and technical knowledge, laboratory studies and long experience. However, the above information should be considered indicative and should be reviewed in any case in relation to each specific condition and practical application. Consequently, the suitability of the product for each specific application must be evaluated after referring to the updated Technical Data Sheet and to our website [www.kraftpaints.com](http://www.kraftpaints.com), as well as after contacting our technical support department, in case of necessity. Our company guarantees the quality of the product itself, whilst in any case the user/applicant is exclusively responsible for any undesirable consequences after using the product.

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