

Wood Shield™



THINNING
0%



COVERAGE
11-13m²/L



APPLICATION
brush



DRY TO TOUCH
½-1 hour

Water-based polyurethane
impregnation varnish

» High Uv Protection

Water-based polyurethane acrylic impregnation varnish. It protects, waterproofs and decorates wood. Suitable for exterior and interior wooden surfaces such as doors, windows, frames, pergolas, fences, linings. It contains UV filters to protect against sunlight and special additives that enhance its waterproofing effectiveness to protect against the rain, moisture and pollutants. In addition, it contains biocides to help prevent the growth of mold and fungi on its film. It has a very mild odor, it penetrates deeply and applied easily on vertical surfaces or on beams as it does not drip. Its elasticity helps to follow the contractions-expansions of the wood, preventing cracking or flaking.

A/f (WB) Interior and Exterior minimal build woodstains

- VOC Limit Value: 130g/L
- Maximum VOC concentration of the ready to use product: 129g/L

» Dries quickly

» Easy application, no dripping

TECHNICAL DATA

Binder Type	PU/Ac
Density ISO 2811 @ 25°C	1,02 g/mL(±0,02)
Solids Content w/w ISO 3251	26,5% (±3)*
Viscosity Flow Cup No4 @ 25°C ISO 2431	35KU (±6)*
pH	8,8-9,8
Coverage per coat	11-13 m ² /L**

* Depending on the shade

** Depending on the application method and the surface absorption.

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SURFACE PREPARATION

To ensure good adhesion, the surface must be dry, solid, and free of dust, residues, blistered paint, etc.

- » On new surfaces: Before applying the impregnation varnish, remove grease and resins using KRAFT BRUSH SOLVENT, sand along the grain and remove dust with a wet lint-free cloth. Cure existing knots and apply 1 coat of KRAFT WOOD CARE or KRAFT WOOD CARE AQUA for protection against woodworm and fungi.
- » On painted surfaces: Before applying the impregnation varnish, remove all residues of old paints or varnishes using KRAFT REMOVER, clean the surface with KRAFT BRUSH SOLVENT or sand well with a proper sandpaper. After the surface is completely dry and all residues have been removed, repair all damaged parts of the wood with a proper putty.

APPLICATION INSTRUCTIONS

- » The product is ready to use.
- » The moisture of the wooden surface should not exceed 10%.
- » Do not apply on wooden surfaces which are in contact with the ground or water.
- » The durability of the material is reduced when applied on horizontal surfaces that suffer mechanical stress.
- » Some wood types like impregnated oak or Iroko reduce the durability of the material.
- » You can apply with a brush.
- » Apply 2-3 coats of KRAFT WOOD SHIELD for an ideal result.
- On very exposed surfaces apply 3 coats of KRAFT WOOD SHIELD.
- » The transparent option is recommended for recoating in case a colored varnish was used for the first coating and we would not like to darken the surface further.
- » Minimum recoating time: 24 hours.
- » Dry to touch: 1/2-1 hour at 25°C and 60% relative humidity. Drying time is subject to weather conditions.
- » The final color of the wood depends on its initial color and its age.
- » Do not apply at temperatures below 10°C or above 35°C and at a relative humidity 60% or higher.

AFTER USE INSTRUCTIONS

- » Close the canister well to keep it in good condition for future use. Store before or after opening in a cool place, avoiding sunlight or frost conditions.
- » Clean the tools immediately with warm water and soap.
- » **Up to 7 years protection:** For suitably prepared woods on which one coat of KRAFT WOOD CARE or KRAFT WOOD CARE AQUA and 3 coats of varnish have been applied. The protection span is also subject to exposure to weather conditions; it may be shorter if the wood is exposed to severe weather conditions in a permanently Southwest orientation or to moisture and still water for a long period.

PACKAGING

Available in transparent and in 11 ready-made shades of wood, in 0.75L and 2.5L containers.

HEALTH, SAFETY & ENVIRONMENTAL INFORMATION

Read the label carefully before use. For more information, please refer to the Safety Data Sheet.

Poison Centre Tel:

+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.

09/2023 THIS TECHNICAL DATA SHEET SUPERSEDES ALL PREVIOUS EDITIONS RELEVANT TO THIS PRODUCT

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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, 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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