

Wood Shield

Water based polyurethane
wood stain varnish



It is a high quality waterborne polyurethane acrylic wood-stain varnish. It protects and decorates the wood. Suitable for exterior and interior wood surfaces such as doors, windows, frames, pergolas, fences. The built-in filters against UV radiation and special additives containing enhance water repellent capacity, effectively protecting from sun, rain, moisture and dirt. At the same time because of the biocide products containing, it prevents effectively the growth of mold and fungi on the film. It is very mild odor; it penetrates in depth and is easily applied on vertical surfaces without dripping. The elasticity allows it to support dimensional variations without cracking or delimiting.

- » **High protection against UV radiation and high weather resistance**
- » **Easily applied - Does not drip**
- » **Fast Drying**

THINNING
0%



SPREADING RATE
11-13m²/L



TOOLS
brush



DRY TO TOUCH
½-1 hour



TECHNICAL DATA

Binder Type	Acrylic/Polyurethane
Specific gravity {ISO 2811 @ 25°C}	1.03Kg/L (±0.02)
Solids Content w/w* {ISO 3251-03}	26.5% (±3)
Viscosity-Flow Cup N°4 @ 25°C* {ISO 2431}	30-40sec
pH	8.8-9.8
Spreading Rate per coat**	11-13m ² /L

* Depending on the shade.

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



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

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

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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 wood preservative 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.
- » 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 for the best result.
- » In very exposed surfaces apply 3 coats of KRAFT WOOD SHIELD.
- » If it is necessary to maintain the already painted shade of wood, apply colorless KRAFT WOOD SHIELD. Colourless woodstain varnish has reduced durability in comparison to the colored ones.
- » Minimum recoat time is approx. 24 hours.
- » The surface drying time is ½-1 hour 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 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 and 11 ready-made wood-like shades in 0.75L and 2.5L containers.

HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

Read label before use. For further information please refer to the Material Safety Data Sheet.

Poison Centre Telephone:

+30 210 7793777

STORAGE

- » Store the product before and after opening at temperatures between 5°C to 35°C.

DISCLAIMER: The above technical data, information, recommendations and guidance are based on scientific and technical knowledge, laboratory studies and long experience. However, the above information is considered to be as indicative and should be reviewed in any case in relation to each specific application conditions. Consequently, the suitability of each product in any application must be evaluated after referring to the updated Technical Data Sheet and to the website www.kraftpaints.gr, as well as after contacting the 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 failures after using the product.

DRUCKFARBEN HELLAS S.A.

ASPROPYRGOS 19 300 ATTICA - GREECE | TEL.: +30 210 55 19 500 - FAX: +30 210 55 19 501
www.druckfarben.gr | www.kraftpaints.gr



Toll-free number

800 111 7700 Monday - Friday, 8.00 am - 04.00 pm

Email: paints.orders@druckfarben.gr