

BRAND	NJORD
PRODUCT NAME	BLOKER UV
VOLUME/ WEIGHT	0,75 L / 2,5 L / 5 L

PRODUCT FEATURES	<ul style="list-style-type: none"> • Protects natural wood • Resistant to weather conditions • Creates a flexible coating • Solvent free • Bio ProtectX* • 12-year- protection**
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COLOR	Colorless
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USE OF PRODUCT	<ul style="list-style-type: none"> • Wooden facades • sheds • gazebos • fences • garden furniture
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PRODUCT PROPERTIES	<p>Njord UV Blocker is an extremely resistant, innovative impregnation, enriched with a special UV filter. It protects the surface from the harmful effects of sunlight, rain and snow. The product has hydrophobic properties (repels water), deeply penetrates wood, increasing the durability and strength of the painted surface for up to 12 years.** It slows down the process of color change (yellowing, darkening, graying) under the influence of light. The BIO ProtectX* technology used provides a very durable coating resistant to algae and fungi. It is intended for protecting raw wood.</p>
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IMPORTANT PRODUCT INFORMATION AND USE INSTRUCTIONS

CONDITIONS OF PROTECTION/ EXPLOITATION	<p>NJORD *ProtectX technology is a solution in the field of wood protection, which uses research, experience and expert knowledge to create an exceptionally durable and effective protective barrier. It guarantees comprehensive protection of wood against external factors and biological decomposition for many years. The Bio ProtectX formula provides a durable coating protected against algae and fungi.</p>
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**Up to 12 years of protection depending on the type and preparation of wood, application method and exposure conditions. Protection concerns the durability of the painted protective coating (no flaking). The condition for proper protection is the use of the product in appropriate conditions, in accordance with the recommendations given on the packaging and in the product data sheet.

Proper preparation of wood and conditions in which painting is carried out determine both the drying time and the properties of the obtained coating, while the final decorative effect depends on the type of wood and the number and thickness of the impregnation layers



used. The change in the appearance of the coating, its color and degree of gloss is a natural aging process, dependent on the intensity of atmospheric factors, which should be taken into account when working with a natural material such as wood. The consequence of the aging process may be a shorter period between subsequent surface maintenance.

The length and quality of protection depend on:

- Proper preparation of the wood.
- Conditions and method of application.
- Exposure conditions, including climatic and structural factors.

SUBSTRATE PREPARATION

The use of the appropriate type and class of wood for a selected architectural element is an important factor determining its durability.

The wood should be clean and dry (max. humidity 20%). Gaps should be filled. The wood surface should be free of dust, grease and resin stains and should be sanded with sandpaper to improve application and increase the durability of the impregnation.

- If the wood is new, raw and has not been previously impregnated, it should be pre-impregnated with the colorless Xylorit biocidal agent.
- If the wood was previously protected with an impregnation agent, remove flaking elements of old paint coats, sand them to obtain a smooth surface and remove dust.
- If the wood was previously painted or varnished, it should be sanded and, if necessary, also used a wood coating remover until the surface is raw. Once the wood is cleaned and dried, proceed as with raw wood.

PRODUCT PREPARATION

Ready-to-use product. Do not dilute. Mix the product thoroughly before use. Repeat the process during application.

APPLICATION: METHOD AND CONDITIONS

Do not carry out work in damp conditions (expected rain, fog or snow), in strong wind or at very high temperatures. Paint at ambient and substrate temperatures of 10°C - 25°C. Apply at least 2 layers of impregnation to the prepared wood, each time rubbing the product into the surface. Apply the second layer after approx. 2 hours. Surfaces exposed to the south or south-west require at least 3 layers. After applying each layer, the surface should be protected from water, dust and dirt.

EXPOSURE CONDITIONS INCLUDING CLIMATE AND STRUCTURAL FACTORS

Climatic factors:

The properties of the coating are greatly influenced by levels of solar radiation, humidity, temperature and precipitation, which largely depend on the place of exposure. The most destructive effect on the coating is exposure to the west and south.

Design factors that extend the durability of protective and decorative products:

- designing elements in such a way as to maximally protect the surface from wind, sun, water and moisture (avoiding long-term contact with water and snow and ensuring their drainage to the outside)



- avoiding horizontal surfaces or providing them with an angle of inclination above 15°, which will allow water to run off and drain quickly
- avoiding sharp wood edges, rounding them off at the edges
- securing the joints of structures so that water penetration between them is impossible
- enabling water drainage thanks to drips, created by undercutting the lower surfaces of the front cuts of the wood.

WOOD MAINTENANCE

The manufacturer recommends an annual inspection of the coating for visible defects: dirt, cracks, flaking or other defects. If these are found, maintenance should be carried out by first cleaning the surface, then gently sanding it and applying 2 layers of the product in these places.

Potential periods between possible maintenance may be:

- for elements not exposed to precipitation and direct sunlight: 12 years
- for elements directly affected by rain and sun: 4-5 years
- for elements exposed to extreme weather conditions: 1 year

EXCLUSIONS

The impregnating agent protects the wood and prevents its biocorrosion, but does not combat fungi, mold or insects in wood that has already been infected.

STORAGE

Store the product in tightly closed, original container within the temperature of 5-30°C, in a dry place. Do not expose to direct sunlight. Keep out of reach of children.

TECHNICAL DATA

CHEMICAL COMPOSITION	Acrylic resin, additives	VOC LIMIT	(cat A/e/WB):130 g/l. Product contains max. 130 g/l.
FORM	White to yellow liquid	GLOSS LEVEL/ FINISH APPEARANCE	n/a
ODOR	Mild, specific	DENSITY	1,0±0,1 g/cm ³
pH	7,0-8,0	COVERAGE	± 12 m ² /l (per 1 layer)
APPLICATION METHOD/ TOOLS	brush	TOOL CLEANING	Water
LAYER QUANTITY	2-3	TIME OF ANOTHER LAYER APPLICATION	Once the previous one is dry (approx. 2h)
TOUCH DRY	2 h	COMPLETELY DRY	24 h
DILUENT	Do not dilute	EXPIRY	Printed on the packaging



**LEGAL
INFORMATION**

Product compliant with European Union regulations.

For detailed product information see TDS and SDS available at: www.njordprotect.pl

All information and data contained in this technical data sheet are given in good faith and to the best of our laboratory knowledge. However, it must be accepted without guarantee if the product is beyond our control. Technical information is not a certificate of product quality nor an offer. The manufacturer is not responsible for improper use of the information contained in this document, nor for the consequences resulting therefrom. In case of doubt, always carry out a test. The manufacturer reserves the right to change the above data without notifying the customer.

PRODUCER

Unicell International Sp. z o.o.

ul. Suprańska 25, 16-010 Wasilków

Tel: 48 85 733 66 41; +48 502 502 114,

unicell@unicell.com.pl <https://njordprotect.pl/>

