

ŚNIEŻKA DREWKORN® EXPERT COLOUR PROTECTIVE AND DECORATIVE WOOD PRESERVATIVE**Properties:**

- aqua blocker -contains wax
- coat resistant to biocorrosion
- resistant to weather conditions
- penetrates wood deeply

USE (PURPOSE)

The preservative intended for decorative painting of raw wood and wood-based materials in order to protect them from destructive influence of biological factors, moisture penetration and changeable weather conditions. Provides the painted elements with aesthetic and matt finishing, which emphasizes the substrate colour, and highlights the texture of wood grains. Intended for application on exterior and interior elements of construction woodwork, rafters, battens, roof trusses, wooden building cladding, summer houses, pergolas, fences excluding floors, stairs and traffic routes, etc.

To ensure full wood protection against fungi, blue stain and insects, it's recommended to apply Drewkorn Expert or VIDARON, a colourless decorative and protective wood preservative.

PRODUCT PROPERTIES

form liquid

density, temp. 20±0,1°C, [g/cm³] 0,8 - 0,9

Coat look after applying on wood* semi-matt

Coat drying time at temp. 20±2°C and relative humidity over 55±5%

degree 3, maximum[h]10

degree 4, maximum[h]24

*coat look after applying on wood according to the Manufacturer's recommendations. The final effect (gloss degree and colour) is dependent on surface sanding degree, wood species, its natural colour, moisture, absorption and application method.

APPLICATION**General information**

- A selection of appropriate wood species plays a significant role as regards durability of a particular element of garden architecture, construction woodwork and other wooden elements. Ask an expert for advice.
- The impregnated surface is subject to gradual process of ageing during use. It may vary depending on use conditions. It may result in a partial colour and gloss change of the surface, which is typical for paint products. The higher exposure to sunlight, environment pollution, moisture and temperature, the faster the ageing process advances.
- Application of a colourless preservative on raw wood is required as an undercoat prior to application of a colour preservative, which has the final effect on coat look and efficiency of wood protection.
- The preservative protects and prevents wood from biocorrosion (does not eliminate insect pests, fungi and moulds in previously infected wood).
- Drying time is dependent on the number of coats, temperature, substrate and ambient moisture and wood species.
- Not recommended for hard and exotic wood.

Substrate preparation

- Raw wood to be impregnated must be clean, smooth, dry as well as dust, grease and resin stain free.
- Areas where resin and grease were found must be cleaned by extraction naphtha and dried.
- Wood should be previously seasoned and dried, of moisture not exceeding 20%, wet wood is not able to absorb the preservative.
- Wood intended for impregnation can be after the process of sawing, abrading, planing and polishing.
- In order to ensure a nice look, emphasise the wood grains, enhance application properties, extend the period of impregnation durability as well as maintain the surface clean, it's recommended to abrade the wood along the grains by sandpaper of 120-200 grit,

and polish the surface.

- Surfaces exposed to long-lasting impact of water and snow (e.g. front surfaces of fence boards) ought to be smooth without wholes, defects, as well as polished thoroughly and corners rounded .



- All sharp wood edges must be rounded so that the radius is min. 2mm - it allows to apply the very same amount of product as in case of flat surfaces (the product is not prone to sliding).
- In case of horizontal surfaces exposed to influence of water and snow, it's recommended to perform a slant of min 15° in order to eliminate water swiftly.
- Preparation of new elements - pay attention to seal of joints of particular elements to prevent water penetration.

Renovation

- Remove old coats of paints or varnishes completely.
- Clean, degrease and dry.
- In the event of renovation of previously impregnated objects, the elements to be renovated must be disassembled, the surface cleaned, and degreased, if it was affected by greasy substances, dried, abraded by sandpaper till obtaining a uniform colour.
- Apply the preservative by following the guidelines in the section below - 'Impregnation'.
- After drying, assembly the elements again.
- Cross and multi-layer joints must be sealed by silicone or polymer sealants in order to prevent water penetration.

Product preparation

- Before use mix the product carefully to ensure a uniform consistency and colour.
- Do not dilute.
- Repeat mixing during application.
- During application use products from the very same production batch, various batches must be put in one container and mixed carefully.

Wood preservation/ impregnation

- ATTENTION! - use protective rubber gloves.
- Painting works must be performed at the substrate and ambient temperature between +5°C and +30°C and air humidity not exceeding 65%.
- Drying and product application cannot be performed at bad weather conditions. Protect the elements from rain.
- Apply a colourless ŚNIEŻKA DREWKORN® EXPERT or Protective and Decorative Preservative VIDARON and next after 24 hours abrade the surface with sandpaper, dust off and apply ŚNIEŻKA COLOUR
- Apply the preservative in colour uniformly on the whole surface and approximately 10 minutes after application, spread it with a dry brush along the wood grains.
- Apply another coat after 12 hours.
- Abrade and dust off the surface prior to each application.
- Correctly applied preservative provides transparent coats with visible wood grains.
- Too thick application may result in coat peeling off as well as rinsing.
- Apply the product with a brush, roller or immersing method. In each case, spread the excessive amount with a brush.
- Do not apply spraying method due to a content of biocidal agents. Consult with the Manufacturer in case of industrial application.
- Carry out impregnation on each surface/side of an element - do not allow to leave bare surface.
- Apply the final coat till levelling the wood absorption.
- The surface obtains its strength properties after approximately 7 days.
- To clean the tools use a solvent for oil-based products or non-aromatic solvent of FFiL Śnieżka S.A.
- Too excessive amount of the product on wood surface or imprecise spread may result in subsequent peeling off of the coat.
- In case of not using the whole amount of the product, put it in a smaller container so as to provide a space of at least 1 cm between the preservative and the container cover.

BEST BEFORE DATE

24 months

CONTAINERS

900ml, 4,5L, 9L

EFFICIENCY

up to 11m²/l with one painting only

COLOURS

Karta techniczna 2/3 Ostatnia aktualizacja: 2015-09-08

9 colours

VOC

Limit of VOC content for this product: (cat. A/f/SB): 700g/l (2010). The product contains max. 700 g/l.

STANDARDS AND TESTS

PN-C-81753:2002 type A

FIRE AND HSE RECOMMENDATIONS



UN 1306

ATTENTION!

The information included in the technical data sheet is to provide an efficient use of the product, however, it cannot form grounds for the manufacturer's liability, since the performance conditions are beyond its control. It's forbidden to make any adjustments to the product's formula, which can significantly decrease the properties of the used material. In the event of combining the product with other products, the manufacturer shall not bear any responsibility. All the information above is given in good faith, based on current knowledge and experience. The manufacturer reserves the right to amend the content of subsequent editions without the obligation to inform its customers.