



ŚNIEŻKA PROTECTIVE - DECORATIVE WOODSTAIN EXPERT

PROPERTIES:

- provides efficient protection against destructive impact of changeable weather conditions and UV radiation
- forms coats of high decorative values
- preserves natural wood grains
- easy application

USE (PURPOSE)

Intended for decorative and protective painting of exterior and interior wood and wood-based materials, i.e. construction woodwork, panelling, decorative boards, furniture, coffers, doors, garden architecture, e.g. summer houses, pergolas, fences, etc. If used with colourless DREWKORN Expert, ensures full wood protection. In case of painting of exotic wood, product application must be consulted with the manufacturer.

PRODUCT PROPERTIES

Decorative coat effect gloss

Density, temp. 20±0,1°C [g/cm³] 0,91 - 0,94

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

coat dry in touch, maximum, [h] 6

APPLICATION

Substrate preparation

- Raw wood to be painted 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 colourless preservative and contribute to peeling off of the stain and varnish.
- 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 120-320 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 stain and varnish by following the guidelines in the section below - 'Application'.
- 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.

Application

- 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 Protective and Decorative Preservative and next after 24 hours abrade the surface with sandpaper, dust off and apply Woodstain.
- Apply the stain and varnish uniformly on the whole surface along the wood grains, min. 2 coats.
- Apply another coat after 12 hours.
- Abrade the surface before each application by taking advantage of sandpaper (320 grit) and dust off, during sanding white powder should appear, if the powder does not appear, it indicates the surface has not dried sufficiently.
- Correctly applied stain and varnish provides transparent coats with visible wood grains.
- Apply the product with a brush, roller or spraying method.
- Carry out application on each surface/side of an element - do not allow to leave bare surface.
- 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.

Additional 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 painted 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.
- As a result of the above, the painted surfaces exposed to intense impact of weather conditions (high exposure to the sun) must be covered by 3 coats of the product.
- Application of a colourless preservative on raw wood is required as an undercoat prior to application of stain and varnish, which has the final effect on coat look and efficiency of wood protection.
- The colourless product 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.

PAINTING PARAMETERS FOR PARTICULAR METHODS

PAINTING METHODS	PAINTING PARAMETERS				
	paint viscosity	solvent additive	average gun nozzle	spraying pressure	recommended number of coats
	[s]	[%]	[mm]	[MPa]	
Roller, paintbrush	commercial presentation	to 5	-	-	2-3
Pneumatic spraying	25÷30	to 5	1,3-1,4	0,3÷0,5	2-3
Hydrodynamic spraying method with air	commercial presentation	-	0,23	Air 0,15 Material 0,35	2-3

BEST BEFORE DATE

BEST BEFORE DATE: INFORMATION ON THE CONTAINER:

CONTAINERS

900ml, 2,5L

EFFICIENCY

to 20 m²/L with one painting only

COLOURS

colourless + 8 ready-to-use colours

STANDARDS AND TESTS

PN-C-81753:2002 type A

FIRE AND HSE RECOMMENDATIONS



UN1263

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.