



## Product Description

Type of product	Solvent containing transparent impregnating primer indicated for dimensionally stable, limited dimensionally stable and not dimensionally stable wooden construction elements in exteriors
Intended use	Solvent containing impregnating primer for the preventive protection from wood-destroying fungi (according to EN 113), blue-stain (according to EN 152) and mould (according to EN 15457) for dimensionally stable, limited dimensionally stable and not dimensionally stable wooden construction elements and wood which is not statically stressed and does not have direct ground contact. Approved biocidal product according to regulation (EU) no. 528/2012. Suitable surfaces: fences, shingles, pergolas, doors and windows.
Product properties	<ul style="list-style-type: none"> <li>• solvent containing transparent impregnation protecting against funghi, blue stain and mould</li> <li>• penetrates the wood deeply</li> <li>• not film-building or levelling</li> <li>• long-term protection</li> <li>• easy to apply</li> </ul>
Packaging sizes	1,0 L / 2,5 L
Colours	Transparent
Base designation	C = Transparent
Field of application	exterior

## Information on building certification according to DGNB

according to the guideline "Building products in DGNB certification" version V1.2.1 - March 2015

Product groups	WOOD PRESERVATIVES FOR NON-LOAD-BEARING COMPONENTS AND WOODEN WINDOWS
VOC content acc. RL2004 / 42/EC	<750 g/L
DGNB quality levels	<p>Internal non-load-bearing components: The product must not be used!</p> <p>External non-structural components: DGNB quality levels 1 and 2 = marketable biocidal product according to Regulation 528/2012/EC *</p> <p>Wooden windows: DGNB quality levels 3 and 4 = marketable biocidal product according to Regulation 528/2012/EC *</p>

**Technical Data**

Degree of gloss	Not definable		
Viscosity	The material is ready for processing.		
Drying time with 20°C and 60% relative humidity	dust dry after	overpaintable after	completely dry after
	<b>2 - 4 Hours</b>	<b>12 - 24 Hours</b>	<b>1 - 2 Days</b>
	<b>Revision Note:</b> The product can be overcoated with all commercially available solvent-based and water-thinnable paints, stains and top coats. Low temperatures and/or poor air circulation may have a negative effect on the drying process.		
Consumption	Brush / roller		
	<b>120 - 180 ml/m²</b>		
	Consumption is very much dependent on the type of application and the absorbency of the substrate.		
Active ingredient content in 100g	0,95 g IPBC (Iodcarbamate)		
Density	0.83 g/cm³		
Storage	Store the container in a cool, dry and frost-free place in the closed original container. Use up quickly after opening.		
Block strength	No		

**Processing**

Application method	Industrial spraying, Paint, Rolling, Spraying
Processing temperature	at least + 8 °C (ambient and object temperature)
Diluability with water	No
Cleaning the tools	Thinner or white spirit.

**Coating build-up**

Substrate	Impregnation (exterior only)	Primer coating	Final coating
Wood - exterior, limited dimensional stability	LUCITE® 503 Impregnation	-	-
Wood - exterior, dimensional	LUCITE® 503 Impregnation	-	-
Wood - exterior, not dimensionally stable	LUCITE® 503 Impregnation	-	-

## General notes

In the case of large-area use in living interiors, a water-based coating system should be used as an alternative due to typical material properties such as odor development and solvent vapors.

Adequate ventilation must be provided during and after the processing of materials containing solvents.

A glaze coating does not prevent darkening/yellowing of a wood substrate.

In the case of contact with products containing plasticizers (door and window seals, etc.), the safety of the sealing profile manufacturer must be obtained or a trial coating must be applied.

Products of the same type can be mixed with each other to a limited extent. As a general rule, mixing of different materials should be avoided.

Protect the container and material from moisture, frost, direct sunlight and high temperatures. Opened containers should always be tightly closed.

When coating visually contiguous surfaces, ensure batch uniformity.

Paint films in intensive and / or dark shades tend to break pigments when subjected to mechanical stress. This abrasion on the paint surface corresponds to the state of the art and is not objectionable.

If diluents are added, the permissible VOC value may be exceeded.

The final gloss of the paint film is achieved after 7-14 days, depending on the environmental conditions.

Before using glazes on non-resistant and low-resistant woods in the exterior, a chemical wood preservative should be applied.

Transparent glazes are not suitable for exterior use; instead, adequately pigmented shades should be used.

The use of stain products on wood that is in continuous, direct contact with water or from which water cannot run off due to the construction is not permitted.

Cleaning cloths that have come into contact with materials containing linseed oil must be stored in a fireproof, closed container and / or under water after use due to the risk of spontaneous combustion.

Glazes for exterior use may contain wood preservatives and biocidal agents to protect against pests. They should therefore only be used outdoors and not on wooden components that come into direct contact with food or feed as intended. Always read the label and product information before use. Misuse may result in damage to health and the environment.

If the product is used in food storage rooms, we recommend that it be removed during renovation and drying.

Impregnating glazes must not be exposed to direct weathering without subsequent coating.

The specified spraying data is for guidance only and may deviate and vary due to different machine types, ambient parameters and practical scenarios. The actual spray application parameters and material consumption must always be determined on site and on the object before the coating is applied.

When using the product, the current standards and guidelines of the trade must be observed (cf. VOB DIN18363 Part C, leaflets of the Bundesausschuss Farbe und Sachwertschutz e. V., contents of training aids, etc.).

Not all possible scenarios for application can be listed in this technical data sheet. If you have any questions about circumstances and conditions not listed, their technical processing and handling, you should always consult our technical field service or the application technology department.

In case of uncertainties regarding use and compatibility, contact one of the following service options:

Service - Hotline: +49 2330 63 243

E - mail address: [infoanwendungstechnik@doerken.de](mailto:infoanwendungstechnik@doerken.de)

Allergy consultation: +49 2330 63 184

Products that have not been used properly cannot be objected to.

The listed information results from the research and development work and was compiled together with the experience from the application technology area. Neither the written information nor any arrangements made by telephone constitute a contractual legal relationship or ancillary obligations arising from the purchase contract. This information does not release the user from the responsibility of testing our products for their suitability for the intended purpose.

With the publication of an updated leaflet version, previous editions lose their validity.

Further information is available on our website [www.doerkencoatings.de](http://www.doerkencoatings.de). All currently valid product-related technical data sheets and safety data sheets are also available there.

Our general terms and conditions apply.