



Product Description

Type of product	Water-based impregnating transparent primer indicated for dimensionally stable and limited dimensionally stable wooden construction elements in exteriors	
Intended use	<p>Water-based tintable impregnating primer and thin-layer transparent impregnation at the same time: 2in1 product. For the preventive protection against blue-stain (according to EN 152) and mould (according to EN 15457) of dimensionally stable and limited dimensionally stable wood which is not statically stressed and does not have direct ground contact. Approved biocidal product according EU regulation 528/2012.</p> <p>Tinted use only permitted in Germany!</p> <p>Suitable for doors, balcony railings, pergolas, windows and doors.</p>	
Product properties	<ul style="list-style-type: none"> • water-based impregnation and impregnating transparent varnish protecting against blue stain and mould • tintable in "real wood" colours • penetrates the wood deeply • low film-building and levelling • can be painted over with water-based varnishes and transparent varnishes • Ideal for boarding, fences, shingles or pergolas, as well as for windows and exterior doors. • Mild odor and odorless after drying • Easy to process 	
Packaging sizes	1,0 L / 2,5 L	
Colours	<div>Transparent</div> <div>1105 White</div> <div>2335 Pine / Pine</div> <div>6570 Light oak</div> <div>8170 Walnut</div>	<div>8270 Walnut</div> <div>8320 teak</div> <div>8450 rosewood</div> <div>9995 Ebony</div>
Base designation	C = Transparent	
Field of application	exterior	
Complementary products	<p>LUCITE® 552 Venti Lasur Aqua</p> <p>Water-based transparent varnish for the renovation of windows and doors both in interiors and exteriors</p>	

Complementary products

LUCITE® 152 Wetterschutz

Isolating water-based satin gloss varnish on a special acrylate base. One-pot-system indicated as priming and finishing coat for use both in interiors and exteriors

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

77

DGNB quality levels

Internal non-load-bearing components: The product must not be used!

External non-structural components: DGNB quality levels 1 and 2 = marketable biocidal product according to Regulation 528/2012/EC *

Wooden windows: DGNB quality levels 3 and 4 = marketable biocidal product according to Regulation 528/2012/EC *

Technical Data

Binder

acrylic polymer

Degree of gloss

satin matt

Viscosity

The material is ready for processing.

Drying time
with 20°C and 60% relative humidity

dust dry after

overpaintable after

completely dry after

1 - 2 Hours

6 - 12 Hours

1 - 2 Days

Revision Note:

The product can be overcoated with all commercially available water-thinnable paints, stains and top coats. Drying times may be longer for wood species rich in ingredients. Apply subsequent coats after approx. 6 hours at the earliest up to a maximum of 4 weeks later. Low temperatures and/or poor air circulation may have a negative effect on the drying process.

Consumption

Brush / roller

120 - 150 ml/m²

Consumption is very much dependent on the type of application and the absorbency of the substrate.

Active ingredient content in
100g

0,95 % IPBC (Iodcarbamat)

Density

1,01 - 1,08 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

LUCITE® 502 Xtra Protect 2in1 Aqua**Processing**

Application method	Paint, Rolling
Processing temperature	at least + 8 °C (ambient and object temperature)
Diluability with water	Yes
Cleaning the tools	Clean immediately after use with water and a little wetting agent. Clean spraying equipment particularly carefully. The short drying time requires intermediate cleaning of the tools, especially during breaks in work.

Coating build-up

Substrate	Primer coating	Intermediate coating	Final coating
Wood - exterior, limited dimensional stability	LUCITE® 502 Xtra Protect 2in1 Aqua	LUCITE® 502 Xtra Protect 2in1 Aqua	LUCITE® 502 Xtra Protect 2in1 Aqua
Wood - exterior, dimensional	LUCITE® 502 Xtra Protect 2in1 Aqua	LUCITE® 552 Venti Lasur Aqua	LUCITE® 552 Venti Lasur Aqua
Wood - exterior, not dimensionally stable	LUCITE® 502 Xtra Protect 2in1 Aqua	LUCITE® 502 Xtra Protect 2in1 Aqua	LUCITE® 502 Xtra Protect 2in1 Aqua

General notes

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.

Adequate ventilation must be provided during and after processing.

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

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.

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.

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

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

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

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. All currently valid product-related technical data sheets and safety data sheets are also available there.

Our general terms and conditions apply.