

DiescoLack Impregnation Glaze

Thin-film glaze for exterior use



Pigmented thin-film glaze with solvents and fungicide, free of aromatic compounds, for untreated exterior wood.

- Porous
- Diffusible
- Thin-film
- Humidity-regulating
- High UV-protection
- Low-odour solvent free of aromatic compounds
- Excellent penetration capability
- Easy to use

Application

DiescoLack Imprägnierlasur (impregnation glaze) serves to protect wood without static load and without ground contact on exterior surfaces against rotting and blueness in accordance with DIN 68800, part 3. Fungicidal thin-film glaze for exclusive application on exterior surfaces for all non-dimensionally accurate to fairly dimensionally accurate components, e.g. boarding, fences, shingles, pergolas, shutters. DiescoLack Imprägnierlasur is a one-pot system and can be used as a primer, intermediate or final coat.

Special properties

Due to its good penetration properties, DiescoLack Imprägnierlasur penetrates the wooden component thoroughly and due to its high effectiveness prevents the growth of fungus that can discolour or destroy the wood. The material does not form a film on the wooden substrate and can thus also not tear or chip off.

Application on tropical woods is also possible. Due to the different properties of the woods with respect to, for example, contents or absorption capacity, an initial trial is recommended and the necessity of a chemically preventative wood protection must be clarified in advance.

Binding agent base	Synthetic resin
Effective agent combination	0.95 % Propiconazole 0.01 % Tolyfluanide
Smell	Typical of its kind, but mild
Thickness	approx. 0.85 g/ml

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Flashpoint (under normal conditions):	+55-61°C	
Viscosity	approx. 35 s in the 3 mm outlet cup DIN ISO 2431	
Gloss level	matt-silk-matte, depending on coating volume and absorption capacity of the wood	
Colours	maple, afrormosia, oak light, nut tree and walnut. Check the colour before application. In case of different batches of a colour, attention must be paid to colour consistency. If necessary, different batches should be mixed in a large container. The supplied colours are to be checked for colour accuracy before painting.	
Container size	1 and 2.5 litre containers	
Storage	Store cool but frost-free. Seal opened containers well and use within a short period.	
Coverage	On smooth surfaces approx. 80-100 ml/m ² (approx. 10-12 m ² /litre) per step given normal material application. On slightly absorbent or rough or textured surfaces, it will be correspondingly more. To achieve greater thickness, the application in a wet-in-wet process or a longer immersion time is recommended. In this kind of application, the material consumption increases significantly. In this case, the material consumption can only be determined by applying a trial coat.	
Product code	HSM - LV 20	
VOC content	Class f type Ib, VOC limit from 2010 = 700 g/l, the material contains max. < 700g/l	
Hazard identification	Not applicable	
Labelling	UN 1263	
Warning labels	R 10	Flammable
	R 52/53	Damaging to water organisms, can lead to long-term damages when submerged in water.
	R 66	Repeated contact can lead to spry or cracked skin.

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Safety instructions

- S 2** Should be kept out of reach of children.
- S 13** Keep away from foodstuffs, beverages and food.
- S 20/21** Do not eat, drink or smoke during work.
- S 23** Do not inhale steam/aerosol.
- S 24/25** Avoid contact with eyes and skin.
- S 38** Wear breathing protection device in case of insufficient ventilation.
- S 46** In case of swallowing, immediately consult a doctor and show the package or label to him/her.
- S 51** Only use in well-ventilated areas.
- S 60** This product and its containers must be disposed of as hazardous waste.
- S 61** Avoid release into the environment.

For additional safety and warning directions, see EC-Safety Data Sheet – available on request or at www.diessner-farben.de

Water hazard class

2 (according to VwVwS), low water hazard

Note

Contains propiconazole, 2-butanonoxime and cobaltbis (2-ethylhexanoat). Can cause allergic reactions

Application restrictions

Do not treat wood that naturally comes into contact with feed or foodstuff with wood preservatives. No application in the immediate vicinity of water. The material may not leak into the water. The application on woods that are in direct, continuous contact with water (e.g. under water) or on which water cannot run off due to its construction is not permissible.

Declaration of ingredients

Alkyd resin, de-aromatised white spirit, additives, fungicides. Advice for people allergic to isothiazolinone is available on telephone number +49 (0)30 60 00 02 49.

Special notes

Wood preservative impregnations contain biocide agents to protect the wood against harmful fungus infection. It is only to be used according to the instructions and only in the permitted application areas. Misuse can lead to damages to health and the environment.

Keep out of reach of children. Rinse thoroughly with water in case of contact with the eyes. Rinse with warm water and soap in case of contact with the skin. When using in a spraying process, do not breathe in the spray mist and use breathing apparatus during spraying work. Do not allow the paint to enter

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drainage systems, waterways or soil. For more information, see EC safety datasheet. EC safety datasheet available on request.

Disposal

May not be disposed together with domestic waste. Do not dispose in the sink. Do not allow the paint to enter drainage systems. Place remaining material in special waste containers or bring to special waste collection points. Waste code: 08 01 11 – Paint and varnish remnants or waste that contains organic solvents or other hazardous substances.

Handling guidelines

Preparation:

Stir the material carefully before use.

Order procedure:

Painting, immersing, flooding. Only spray in closed, explosion-proof systems

Handling

DiescoLack Imprägnierlasur is provided ready for use. When using it as a glaze system, there must be at least a second coat of glaze. In case of particularly demanding conditions, a third coat must be applied. When using it as a primer coat, only one coat is necessary.

Note

Eliminate the absorption capacity of grain-cut timber and wooden cracks through the complete saturation with DiescoLack impregnation primer. Excess material in the surface must be removed through running off, brushing off, or similar.

Lower limit for application temperature

+ 5°C substrate and ambient temperature.

Drying time

Dry to the touch after approx. 6-10 hours and can be painted over with itself after approx. 10 hours at +23 °C and 50% rel. humidity. Can be worked over with other watery or solvent-containing systems after 8-16 hours. Considerably longer drying time at lower temperatures or higher humidity. Woods that contain a tanning agent, e.g. oak, can extend the drying time.

Cleaning the tools/airless equipment

Dried material on working equipment can be cleaned off with universal thinner, white spirit or cellulose thinner. In this case, please note the partially strong solvent power of thinners. Especially when using a flooding or immersion procedure, containers should always be covered or closed during breaks or interruptions in the work to prevent thickening or skin-forming on the material.

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Please note:

Not suitable for horizontal surfaces with any water loading. Do not use in direct sunlight, in strong winds, if there is a risk of rain, mist or dew, a risk of higher humidity (>85%) or a risk of night frost (during the entire processing and drying phase). Do not apply air, object and dryer temperature under +5°C and above +30°C. Protect from any humidity during the drying period. Failure to comply with this may result in damage to the coat in the form of peeling or blistering.

Depending on the system, shorter renovation intervals must be applied on impregnation or thin-film glazes than on film-forming glazes or coats.

Application on walking surfaces is only recommended under certain conditions.

Wood surfaces are maintenance surfaces: the regular inspection and maintenance of coated wooden parts is necessary to avoid damage to the component and / or the coat. That is why we recommend to subject coated wooden parts to a continuous qualified assessment and to immediately and properly eliminate any defects to the part or the coat.

The original colour of the wood decisively determines the final colour of the coat.

In difficult cases please consult our technical field service before beginning the work.

Suitable substrates and their preparation:

Wooden substrates that are solid and can carry a coat of paint and are dry as well as free of dirt and separating substances are all suitable. The max. wood moisture should not exceed 12% in case of hardwoods and 15% in case of softwoods. Remove greyed wooden layers. Any old coats that are to be treated must be tested for their suitability, adhesion and stability. Remove unstable coats. Please note the VOB (contracting rules for award of public works contracts), part C, DIN 18363, para. 3 and the respective BFS bulletins, in particular technical bulletin no. 18. Please refer to the statutory regulations in the case of any cleaning work. Only carry out sanding work in the direction of the grain. We recommend creating sample areas before starting any work in order to test the adhesion and quality of the surface.

Preparation of wooden surfaces:

Sand off greyed wood, round off edges, remove dust and/ or clean. Burn out resin discharges and wash with universal thinner.

Preparation of existing glazes:

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Check stability of surface, remove parts that can no longer hold a coat of paint. Sand off greyed wood, round edges, sand surfaces, sand transitional parts. Remove dust/clean. Burn out resin discharges and wash with universal thinner.

Note

This technical information is compiled to the best of our knowledge and corresponds to our state-of-the-art application technology. However, you can only obtain non-binding advice as the working method in each individual case is dependent on the condition of the structure to be coated and can only be decided on the basis of the actual surface in question. Conditional exceptions are to be taken into account on site. Liability cannot be derived from the aforementioned information.

Due to the different substructure materials and the working conditions that are out of our control, we recommend conducting sufficient tests in each case to ensure the suitability of our products for the intended procedures and purposes.

All previous versions cease to apply with the publication of this technical datasheet.