

Lignodur ImpreGuard 625



Smooth alkyd resin woodstain with good penetration, for outdoors



Color System

Field of application

For water-repellent, impregnating glazing coats on all hardwood and coniferous woods, for outdoors. As a weather-resistant one-pot system, it can be used on non-dimensionally stable and partially dimensionally stable wooden components, e.g., overlapping wooden paneling, or tongue and groove wooden paneling, fences, pergolas, garden sheds, timber framework and shutters.

Properties

- Particularly deep-penetrating alkyd resin woodstain
- For outdoors
- Film protection from the factory
- Low viscosity
- Open-pore
- Moisture regulating
- Quick drying
- Easy application, thanks to low resistance when brushing on
- Optionally available in Protect quality (film protection against an algal and fungal infestation of the coating)

Material description

Colors	Scale no.	Description
	—	0100 transparent ¹⁾
	09.LA.03	1410 oak
	09.LA.02	1411 pine
	21.LA.03	3410 mahogany
	03.LA.08	7410 pebble
	75.LA.02	7411 graphite
	15.LA.03	8410 nutbrown
	15.LA.02	8411 chestnut
	12.LA.05	8412 teak

Material description

Colors	Scale no.	Description
	18.LA.04	8415 rosewood
	03.LA.03	9410 ebony
	03.LA.01	9510 chalk white
¹⁾ for more information, also refer to the Notes. Additional color shades from the Brillux Color System.		
Gloss grade	Silk gloss	
Base material	Special alkyd resin, solvent-based	
VOC	EU limit for this product (Cat. A/e): 400 g/l (2010). This product contains max. 400 g/l VOC.	
Flash point	> 60°C	
Density	Approx. 0.95 g/cm ³ , depending on the color shade.	
Packaging	Standard: 750 ml, 3 l and 10 l Color System: 750 ml, 3 l and 10 l	

Use

Thinning	Ready for application. No thinning, since this would result in the EU limit value in accordance with the VOC Directive being exceeded.
Tinting	All colors can be mixed with one another without limitations.
Compatibility	Can only be mixed with materials of the same type and those specified in this data sheet.
Application	Stir thoroughly before use. Evenly apply Lignodur ImpreGuard 625 with a natural bristle brush or a Uni-Plus Paint Brush, flat 1182. Alternatively, Lignodur ImpreGuard 625 can be applied by spray application. In that case, the surfaces are subsequently to be rolled by brush. More information on spray application is provided in the following "Spray data" table. (Notes on "Protect equipment" observe).
Consumption	Approx. 60 ml/m ² per layer. Determine the exact consumption by means of a test application on the object to be coated.
Application temperature	Do not apply if air or object temperature is below +5°C.
Tool cleaning	Clean tools immediately after use with Thinner AF 631 or Quick-acting Brush Cleaner 111.

Use

Spray data

Spray system	Nozzle	Spray angle	Supply air/air quantity	Material pressure/ material quantity	Thinning	Cross-spraying ⁵⁾
Low pressure ¹⁾	Yellow front end ²⁾	–	100%	Ring setting 4–5	Unthinned	1
Airless ³⁾	0.008 inch	40°	–	80 bar	Unthinned	½
Battery-Airless ⁴⁾	0.008 inch	–	–	regulator Level 3 (110 bar)	Unthinned	½

Comply with the specifications in the current safety data sheet relating to personal protective equipment.

The data is based on substrate and ambient temperatures of +20°C.

¹⁾ Information relating to XVLP technology with Wagner FinishControl FC 3500 or FC 5000.

²⁾ StandardSpray spray attachment (yellow) for all standard enamel paints and woodstains. Also keep the nozzle clean during application. Remove dry paint material with a soft brush. Please follow the equipment manufacturer's instructions.

³⁾ Information related to the use of FineFinish nozzles 408 (TradeTip 3– violet).

⁴⁾ Information relating to the use of the SprayPack 18 V Select 3344 spraying system.

⁵⁾ The areas are to be brushed after spray application to achieve a smooth surface.

Drying (+20°C, 65% relative humidity)

Dry after approx. 3 hours. Recoatable after approx. 12 hours.
Allow for longer drying time if the temperature is lower and/or the humidity is higher.

Storage

Store in a cool and dry location. Reseal opened containers tightly.

Declaration

Notes Contains preservatives.
Do not inhale spray mist.

Product code BSL40
Comply with the specifications in the current safety data sheet.

Substrate preparation

- The substrate must be solid, dry, clean, with good adhesiveness, load-bearing and free from separating agents.
- The BFS Leaflet no. 18 specifies that the maximum moisture content for dimensionally stable components be limited to 15%. For non-dimensionally stable components and components with limited dimensional stability, the moisture content must not exceed 18%.
- Completely remove grayed wood and old coatings, e.g., thick film woodstains or top coats, as well as bark, bast or dirt down to the load-bearing solid wood layer.
- Hazardous particles and vapors may be released while reworking or removing old paint coats, e.g. as a result of sanding, paint removal by heat gun. Prior to coating, sand and thoroughly remove dust, as smooth, planed wooden surfaces provide for better paint absorption.
- Also see BFS Leaflet no. 18, 4 and 5, as well as VOB Part C, DIN 18363, Paragraph 3.

Exterior coats on non-dimensionally stable and limited dimensionally stable wooden components

Substrates	Impregnation ¹⁾	Prime coat	Intermediate coat	Top coat
Untreated wood, outdoors, e.g., overlapping wooden paneling or panelings with tongue and groove paneling, fences, pergolas, garden sheds, timber framework, shutters, etc.	Lignodur Contrabol 550	Lignodur ImpreGuard 625	Lignodur ImpreGuard 625	Lignodur ImpreGuard 625
Wooden components with an intact woodstain coat	Raw wooden surfaces with Lignodur Contrabol 550	If necessary, repair damaged areas with Lignodur ImpreGuard 625		

¹⁾ Follow the instructions in BFS Leaflet No. 18, Sections 6 and 7.2.1.

Notes
Protect quality

Lignodur ImpreGuard 625 comes from the factory with preservatives and should therefore only be used outdoors. Containers marked "Protect" contain material that is factory-fitted with film protection against fungal attack. This may only be used outside. The preservatives contained minimize or delay the risk of fungal attack. The material equipped with film protection must be applied in a sufficient layer thickness; we recommend applying at least two coats. According to the state of the art, permanent protection against fungal attack cannot be guaranteed. Do not inhale spray mist, wear suitable protective clothing.

Sand the substrates

We recommend sanding the surfaces between the individual work steps.

Check old coatings

Check old coatings for adhesion by scratching the substrate or applying then removing sticky tape. Applying a wet cloth to the surface additionally clarifies whether the coating and/or the wood is weathered. If a dark, damp spot appears on this part of the wood after a brief period, then the surface needs to be sanded back to the load-bearing wooden layer.

Notes

Assess woodstain color shade	The various kinds of wood and existing, intact woodstain coatings affect the woodstain color shade due to intrinsic color and absorbency. For this reason, we recommend applying a test coat in advance.
Colorless build-up	Colorless woodstain coats are not suitable as a sole coating build-up for use in exterior areas due to their insufficient UV protection.
Shelf life of woodstain coating	The shelf life of a woodstain coating also depends on the construction and general impregnation and priming of the specified components. To maintain the woodstain coating, we recommend performing checks at regular intervals, but after 2–3 years at the latest, and if necessary, maintenance of the woodstain coating is to be performed, especially in areas exposed to weathering.
Wood-based panels for outdoors	In accordance with the current state of the art, wood-based panels are only conditionally suited for coating in exterior areas. Also refer to BFS Leaflet No. 18, Paragraph 2.2.3. A coating recommendation can only be provided on a case-by-case basis under consideration of the material type and quality, construction, and climatic conditions. Please contact the Brillux Consulting Service if you require assistance in this context.
Further information	Follow the instructions in the data sheets of the products used.

Remark

This data sheet is based on extensive development work and years of practical experience. The translation corresponds to the current German version, in compliance with the German laws, regulations, standards and guidelines. Its content does not constitute a contractual legal relationship. The user/buyer is not released from the responsibility of checking our products to ensure they are suitable for the intended application. In addition, our general terms of business apply.

When a new version of this data sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

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