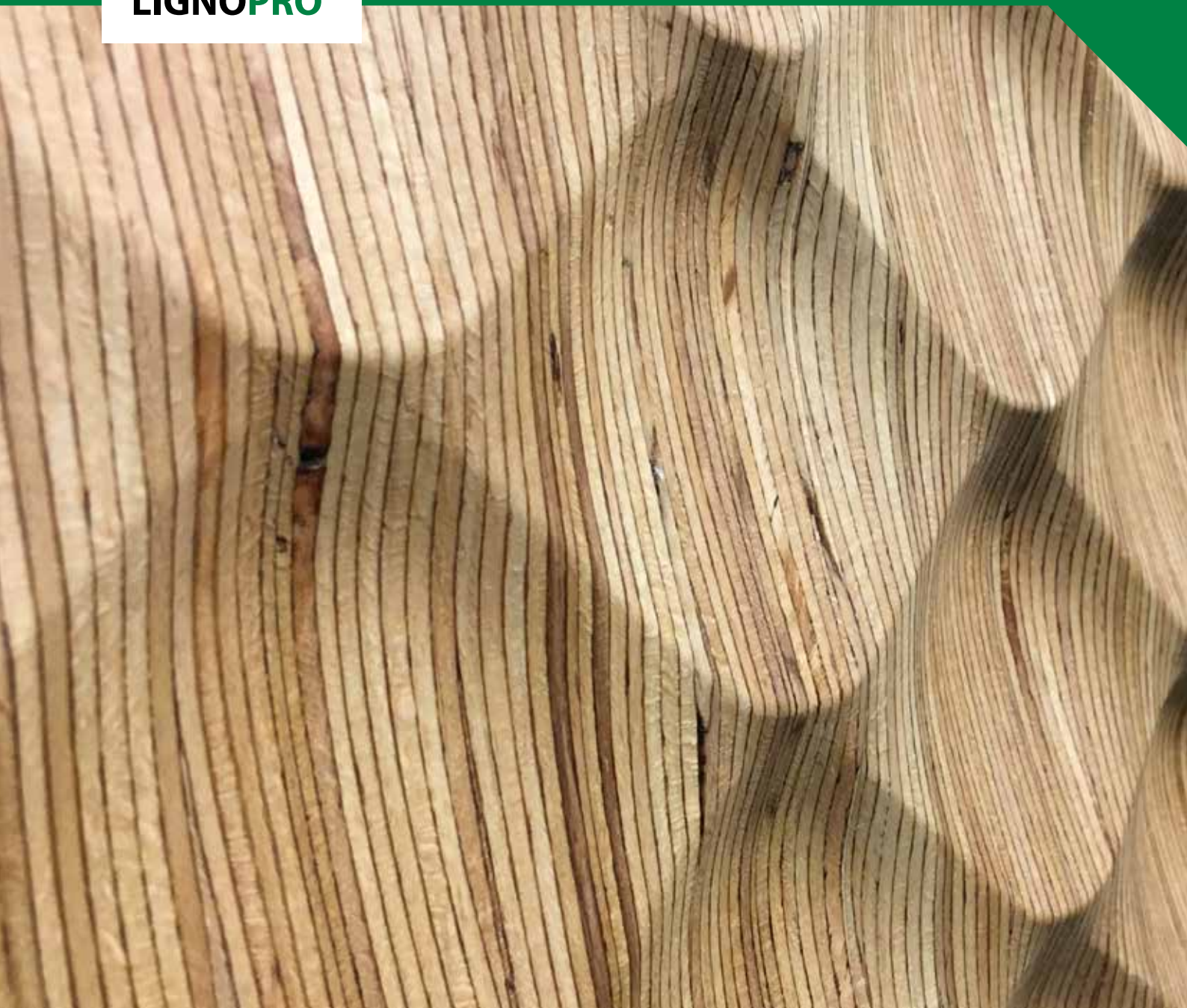


BauBuche-Varnish

Maximum performance and
ultimate protection

LIGNOPRO®



Consistently developed & tested

Our BauBuche products protect against moisture, dirt and UV light. The convincing advantages: economical application, uniform flow, fast drying, blocking resistance and an elegant matt appearance.

Only long-term exposure tests show whether development work has truly been successful.

6 months of natural weather exposure

- Reference, left:** untreated BauBuche
Test sample 103: LIGNOPRO® 879 + LIGNOPRO® 883
Test sample 59: competitor product





The use of BauBuche is only permitted in service classes 1 and 2, in which the material is protected from direct weather exposure. BauBuche has higher swelling and shrinkage behaviour than softwood. In particular, at endgrain areas such as beam ends, offsets, cuts and drill holes, contact with moisture can lead to significant swelling of the cross-section. In addition, exposure to moisture causes staining.

As weather exposure during the construction phase can hardly be fully avoided, the manufacturer Pollmeier searched for suitable coating systems to ensure temporary moisture protection of BauBuche during transport and installation. We accepted this challenge and, in cooperation with the manufacturer, developed appropriate coating systems.

After three years of development and continuous, consistent optimisation of our products, we now offer coating systems for BauBuche that allow components to withstand direct weather exposure during periods of bad weather for up to 12 weeks.

Today's two-coat systems, consisting of BauBuche-Primer plus and BauBuche-Varnish, are available in several variants. We offer formulations for machine or manual application and supply in 20-litre containers for smaller order volumes and special colour shades, or in IBC containers (1000 l) with outlet valve for industrial use.

In an extensive weathering test conducted on the premises of Pollmeier, treated and untreated BauBuche components were exposed to weather conditions over several weeks, up to six months, and inspected and measured weekly.

The dimensional changes in the untreated BauBuche elements were significant. In contrast, the elements treated with LIGNOPRO® showed only minor changes, remaining within specified tolerances. Visual changes were also minimal.



In use

LIGNOPRO® BauBuche products significantly extend the possible applications of BauBuche. They effectively protect sensitive components from weathering and contamination during transport and the construction phase.

Protecting BauBuche

Between delivery of BauBuche and completion of the construction project, it is usually unavoidable that components are exposed to environmental influences. UV radiation, moisture and dirt can quickly cause considerable damage to surfaces, particularly affecting appearance. Reworking is time-consuming and cost-intensive. Restoring the original appearance is often difficult and sometimes even impossible.

Attractive design options

In addition to providing comprehensive protection, coating your components with BauBuche-Varnish enhances the surface and significantly increases the value of your products.

Mould is a thing of the past

Without penetrating moisture, mould can no longer develop. Staining is largely prevented.

Minimising cracking

Components protected with BauBuche-Varnish absorb only very small quantities of moisture. Swelling of the outer wood layers is prevented, thereby minimising cracking during subsequent drying.

UV protection

Through micronised pigments or special UV absorbers, BauBuche-Varnish provides optimum UV protection and reduces darkening of the wood.

Easy-to-clean surfaces

The waterproof, closed film of the BauBuche-Varnish coating makes it easy to remove construction dirt and restore the appearance required by building owners and architects.

LIGNOPRO® 879 BauBuche-Primer

Lightly hydrophobic, low-viscosity acrylic-based primer with a high solids content. Creates an even base onto which the BauBuche-Varnish products can be applied. Ideal for components with existing slots and drill holes.

LIGNOPRO® 880 BauBuche-Varnish

Biocide-free special coating for a hydrophobic BauBuche surface. Keeps the wood breathable (diffusion open).

LIGNOPRO® 881 BauBuche-Varnish UV

Biocide-free special coating for a hydrophobic BauBuche surface with additional UV protection. Keeps the wood breathable (diffusion open).

LIGNOPRO® 882 BauBuche-Varnish HydroX

Biocide-free special coating for an extremely hydrophobic BauBuche surface. Keeps the wood breathable (diffusion open). Not recoatable after drying without mechanical surface preparation.

LIGNOPRO® 883 BauBuche-Varnish HydroX UV

Biocide-free special coating for an extremely hydrophobic BauBuche surface with additional UV protection. Keeps the wood breathable (diffusion open). Not recoatable after drying without mechanical surface preparation.







System Protection

System 1

Temporary moisture protection during transport and installation (light exposure up to 4 weeks) and permanent UV protection (when using BauBuche-Varnish UV) for use in use class 0–1.

- » **Prime** with LIGNOPRO® 879 BauBuche-Primer
- » **Drying time:** 1 – 2 hours
- » **Apply** LIGNOPRO® 880 BauBuche-Varnish or LIGNOPRO® 881 BauBuche-Varnish UV
- » **2 – 3 coats** LIGNOPRO® 880 BauBuche-Varnish or LIGNOPRO® 881 BauBuche-Varnish UV on end grain surfaces

Alternative: Apply 2 coats of LIGNOPRO® 880 BauBuche-Varnish without primer.
Total consumption: 0.20 l/m²

System 2

Temporary moisture protection during transport and installation (normal exposure up to 12 weeks) and permanent UV protection (with HydroX UV) for use in use class 0–1.

- » **Prime** with LIGNOPRO® 879 BauBuche-Primer
- » **Drying time:** 1 – 2 hours
- » **Apply** LIGNOPRO® 882 BauBuche-Varnish HydroX or LIGNOPRO® 883 BauBuche-Varnish HydroX UV
- » **2 – 3 coats** LIGNOPRO® 882 BauBuche-Varnish HydroX or LIGNOPRO® 883 BauBuche-Varnish HydroX UV wet-on-wet coats on end grain surfaces

For further instructions and safety information, please refer to the technical data sheets and safety data sheets.



Primer

PRODUCT	LIGNOPRO® 879 BauBuche-Primer
DESCRIPTION	Lightly hydrophobic acrylic primer with high solids content. Creates a uniform base for BauBuche-Varnish products. Ideal for parts with slots and holes.
SYSTEM	1 + 2
WATER-REPELLENT	●●●○○
UV PROTECTION	●●○○○
SURFACE	satin gloss
CONSUMPTION	approx. 80 ml/m ²
PACKAGING SIZES	20 l / 1000 l
COLOURS	KS0000 clear (enhances grain), KS1000 natural (untreated appearance)

Coating

PRODUCT	LIGNOPRO® 880 BauBuche Varnish	LIGNOPRO® 881 BauBuche Varnish UV	LIGNOPRO® 882 BauBuche Varnish HydroX	LIGNOPRO® 883 BauBuche Varnish HydroX UV
DESCRIPTION	Biocide-free acrylic coatings with high solids content for hydrophobic, dirt-resistant BauBuche surfaces. Keeps wood breathable.			
SYSTEM	1	1	2	2
WATER-REPELLENT	●●●○○	●●●○○	●●●●●	●●●●●
UV PROTECTION	●●●○○	●●●●●	●●●○○	●●●●●
SURFACE	satin matt			
CONSUMPTION	approx. 120 ml/m ²			
PACKAGING SIZES	20 l / 1000 l			
COLOURS	KS0000 clear, KS1000 natural, standard colours			
RE-COATABLE	Yes		after mechanical preparation	

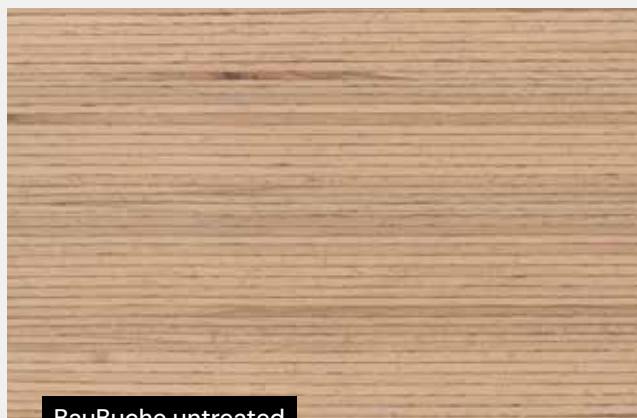
Our colours

Primer:

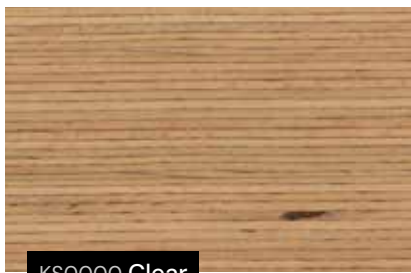
Samples are primed with **LIGNOPRO® 879** BauBuche-Primer plus (pigmented). An unpigmented primer in combination with a pigmented topcoat is not recommended, as streaking may occur.

Topcoat:

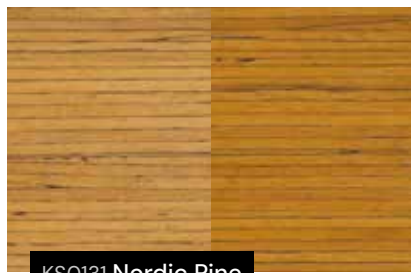
- » Left: **LIGNOPRO® 883** BauBuche-Varnish HydroX UV (clear)
- » Right: **LIGNOPRO® 882** BauBuche-Varnish HydroX (pigmented)



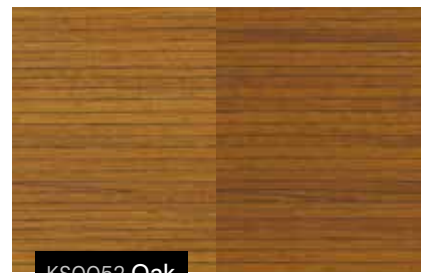
More colours:



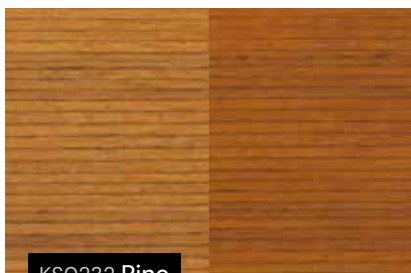
KS0000 Clear



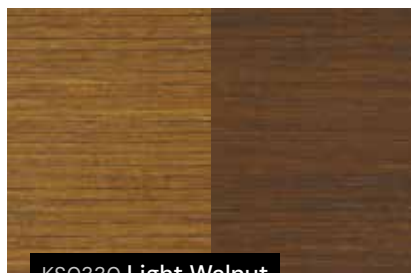
KS0131 Nordic Pine



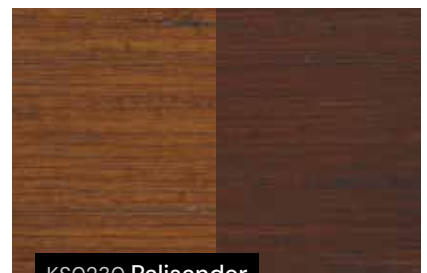
KS0052 Oak



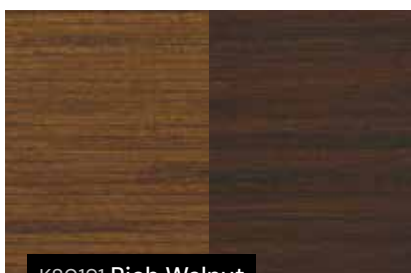
KS0232 Pine



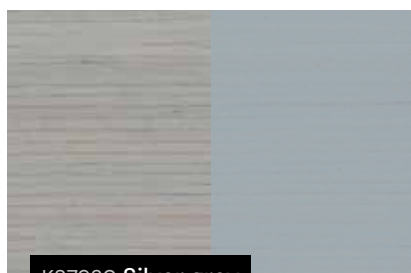
KS0330 Light Walnut



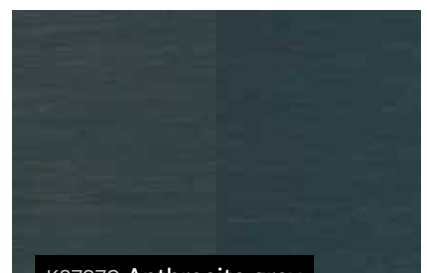
KS0230 Palisander



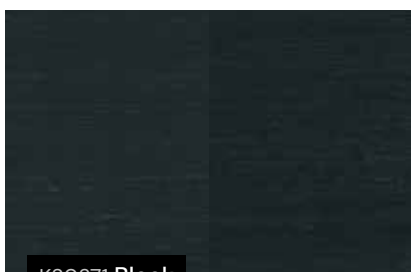
KS0191 Rich Walnut



KS7920 Silver grey



KS7970 Anthracite grey





KS0271 Black


Important notice:

Colour deviations in practical application may occur due to printing limitations. Our colour charts provide a more accurate reference. If colour accuracy is critical, we recommend creating a sample application.

Adding value to
your wood

 www.kochundschulte.com

 info@kochundschulte.com

 +49 2666 9124000