

1	GENERAL INFORMATION
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Querkus panels are produced with the utmost care. To enjoy the product for a long time, appropriate protection is recommended. The Querkus panels are delivered untreated and must therefore be further finished with an oil or varnish.

2	VARNISHING
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Varnish provides a protective layer on wood. This protects the veneer against moisture and damage from external factors.

There are many different types of varnish and various ways to apply them. Depending on the product, more or less layers must be applied in order to achieve the desired combination of strength and appearance (matt). These factors will determine the final strength of the varnish layer. The more varnish is applied, the more the wood is protected but the less natural it will look. Therefore, it is often a matter of finding the right balance between protection and natural look. Also take into account the application of the piece of furniture (worktop, cabinet front,...).

If you wish to protect Querkus with varnish, we recommend a product from Hesse-Lignal. The varnish type and step-by-step plan below protects the wood for interior use while preserving its natural colour.

HESSE PURA-NATURA HDE 52-0

Mixing ratio (volumetric) : 10/1 PURA-NATURA Hardener HDR 72.

The two-component hydro acrylate PUR lacquer PURA-NATURA gives wood a natural wood effect (gloss $3\% \pm 5$), which is very good for the natural appearance of the wood.

The surface has a high scratch resistance and is highly resistant to the most common household chemicals. The inclined and lightfast 2K system varnish is used for priming and varnishing of light wood species.

Technical info

Querkus – finishing advice



Surface preparation: The surface must be thoroughly sanded and must be dry and free of oil, grease, wax, silicone and sanding dust. Grain size for sanding between 100 and 120. The quality and uniformity of the wood and intermediate sanding are decisive for the end surface. After sanding, make the panels free of dust according to the instructions.

Application: 1 layer HDE 52-0 with 10/1 HDR 72, then intermediate sanding with grain 320-400, application of 1 layer HDE 52-0 with 10/1 HDR 72. After sufficient drying: first maintenance with Hesse PROTECT-CLEANER PR 90.

Instructions: Stir the varnish well by means of a stirring rod. Add the correct amount of hardener to the original paint package and stir well for 1 to 2 minutes. Do not mix in a container. Pay close attention to the mixing ratio, even in partial quantities, and stir the mixture well. Press the sieve into the pouring opening, pour the varnish / hardener mixture into a suitable container and use it while working! Only use the mixture within the specified processing time. Do not store material to which hardener has been added in closed containers. Do not use electric mixers due to risk of foaming or bubble formation!

Respect the drying time as indicated on the manufacturer's technical data sheet.

The user should test the application of this product against the conditions and possibilities that apply to him. Please read the complete product data sheet carefully at www.hesse-lignal.de.

3	OILING
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Wood oil does penetrate the wood and results in a more natural look and feel than varnish. In the absence of a protective film that captures everything, however, the wood remains more susceptible to damage. After a while the saturation disappears and the wood needs to be fed again to maintain the same level of protection. The big advantage, however, is that this can be done without having to sand everything again.

If you wish to protect Querkus with oil, we recommend our own Decospan Premium Wood Oil. The product protects the wood for interior use while respecting its natural colour.

Decospan Premium Wood Oil is an environmentally friendly, water-based wood oil for wooden furniture. The wood maintains its natural good looking appearance. Decospan Premium Wood Oil is only suitable for interior applications and can only be applied by means of a long haired roller.

Technical info

Querkus – finishing advice



Substrate preparation: Prepare the surface according to the rules of art.

Application: do not dilute, shake well before use. The slightly milky appearance of the liquid oil disappears within a few seconds as it dries. Apply in 1 coat at a coverage rate of 10m²/litre or 100 g/m² using a roller. For furniture and horizontal surfaces, we recommended applying one or two extra coats. For surfaces subject to extreme conditions it is advisable to apply 3 coats with a 10% hardener (recommended, tested and approved product: Aqua Pro Blanchon). A second coat can be applied after around one hour (do not leave more than 48 hours between coats). Light surface sanding (using fine grade sandpaper, max. 150) after the final coat will eliminate any rough patches in the wood and ensure a smooth and easy-to-maintain finish. DO NOT USE steel wool. For applications of several coats, sanding should be carried out between coats. Do not oil the wood if the temperature is below 12°C with relative humidity in excess of 85% (in accordance with the D.T.U. in force); do not use on wood with a moisture content above 10%. Use only in well-ventilated areas. Do not leave plants and fish tanks in places where the product is used.

Instructions: Clean all equipment with water immediately after use.

Please read the complete product data sheet carefully at www.decospan.com.

Note: Due to the specific properties of Querkus Oak Retro Baltimore, Querkus Oak Vintage Original Baltimore and Querkus Oak Vintage Intense Baltimore, the veneer may turn red/purple/brown. For this reason, the use of Decospan Premium Wood Oil is not recommended on this type of veneer. A solvent-based finishing product gives a better result. We recommend a Hesse system: Apply color CL 5-52352. Varnish with DE 45550-0008 with 10/1 DR 470 + 15% DV 490. Sand with 320-400. Again apply the DE 45550-0008 with 10/1 DR 470 + 15% DV 490.

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