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TECHNICAL DATA SHEET

OLI-AQUA AUTHENTIC 51.30 | 2K Parquet Sealant

ULTRA-MATT 2K PARQUET SEALANT WITH A RAW WOOD FINISH

OLI-AQUA AUTHENTIC 51.30 is a water-based 2K parquet sealant for parquet and timber floors where a natural raw wood appearance is to be combined with hard-wearing surface protection. The binder technology, designed to minimise colour development, preserves the light, original character of the wood and creates an ultra-matt, raw-wood-like look and feel. At the same time, the two-component system offers high mechanical strength and good chemical resistance. OLI-AQUA AUTHENTIC is suitable for high-quality residential areas as well as commercial and contract applications, and is particularly well-suited to light-coloured woods such as oak.

Gloss level	Product	Container / PU	Range
Ultra-matt	A00699_KF	1 x 5 L paint*	96
Ultra-matt	A00699_SET	2 x 5 L paint + 2 x 0.5 L hardener	48

* For individual containers, the appropriate OLI-AQUA hardener 13.2 must be ordered separately.

Area of application	For parquet and timber flooring in interior areas where a particularly natural, light and, as far as possible, untreated wood finish is desired. Suitable for high-quality residential areas as well as heavier-duty commercial and contract surfaces. Particularly suitable for light-coloured woods such as oak, as well as for the on-site renovation of fixed timber staircases.
Properties	- Water-based 2-component parquet sealant with a pronounced raw wood effect - Ultra-matt, raw-wood-like appearance and feel; gloss level < 5 GU - Minimal colour enhancement – the natural colour of the raw wood is largely preserved - High mechanical durability and good chemical resistance - Resistant to gloss build-up and scuff marks 3-layer full-build-up without primer - Slip resistance class R10 in accordance with testing to EN 16165, Annex B
Complies with/Tested in accordance with	The following information relates to the respective tested or approved system constructions. The valid test reports and approvals are authoritative. EN 16165 – Slip resistance R10 Slip resistance tested in accordance with EN 16165:2021-10, Annex B; classification R10 in accordance with DIN EN 16165:2023-02, National Annex NB (informative), Table NB.2. Test certificate ST-25-06-23-03. DIN EN 71-3 – Safety of toys Tested in accordance with DIN EN 71-3. DIN 53160 – Resistance to saliva and sweat Tested for resistance to saliva and perspiration in accordance with DIN 53160. DIN 68861 Part 1 B/C – Chemical resistance Tested for chemical resistance in accordance with DIN 68861 Part 1 B/C. MANUFACTURER'S CERTIFICATE GISCODE / VOC GISCODE W2/DD+. Complies with EU Decopaint requirements in accordance with product-specific classification.
Sealing system	Full-build raw wood effect Full-build raw wood effect 3 x OLI-AQUA AUTHENTIC 51.30 OLI-AQUA AUTHENTIC is applied directly to the properly sanded raw timber. A primer coat of OLI-AQUA PRIME 15.81 is not required for this system, as PRIME increases the

	enhances the wood's colour and thus diminishes the desired raw wood effect. To achieve a uniform appearance, apply all coats using AUTHENTIC.																														
Substrate preparation	The substrate must be dry, sound, properly sanded and free from old coatings, oil, grease, wax, silicone, residues of care products, sanding dust and other contaminants that impair adhesion. Gradual sanding: 80/100/120, final sanding: 120 grit. The finer and more even the final sanding, the more uniform the natural wood effect will be. When renovating, existing coatings and care product residues must be completely removed. On woods rich in natural substances or of unknown composition, a test area must be prepared; the wood's natural colour and constituents may influence the visual effect.																														
Application	Stir or shake the base varnish thoroughly before use. Mix both components – parquet varnish and hardener 13.2 – thoroughly in a ratio of 10 parts varnish to 1 part hardener shortly before use. Leave to stand for 10 minutes before further application. Only prepare partial quantities whilst strictly adhering to the mixing ratio. Apply the mixed material within the pot life of approx. 3 hours. Do not pour any excess material back into the original container. OLI-AQUA AUTHENTIC 51.30 must be applied exclusively with a roller; do not use a trowel. Apply evenly using the OLI water-based paint roller, working wet-on-wet and avoiding brush marks and build-up of material. Do not pour the material directly onto the floor; instead, apply it from a clean application tray. A milky haze may be visible during the wet phase; this will disappear once the coating is completely dry. Allow sufficient drying time between coats and ensure good ventilation; avoid draughts and direct sunlight. Do not apply more than two full-surface coats of varnish per day. If the permissible recoating time is exceeded, carry out intermediate sanding in accordance with the technical data and remove all sanding dust completely.																														
Care & Cleaning	Handle the surface with care during the initial curing phase. For standard installations, carry out damp cleaning and initial maintenance no earlier than 7 days after application. For ongoing cleaning and maintenance, follow the current OLI care instructions for sealed timber floors in accordance with DIN 18356.																														
Notes	▪ Low temperatures, high humidity, high application rates and poor ventilation prolong the drying time. ▪ • The application temperature should, where possible, correspond to the subsequent average conditions of use. ▪ • The natural wood effect depends on the type of wood, its natural colour, the sanding finish and the application quantity; a test area is recommended. ▪ • Do not apply a primer coat of OLI-AQUA PRIME 15.81 if you wish to retain the typical AUTHENTIC raw wood effect. ▪ • Observe the safety data sheet and labelling of the components																														
Disposal	Dispose of product residues and containers in accordance with local regulations. Do not allow the product to enter the sewerage system, watercourses or the ground. The base coat and hardener must be handled in accordance with their respective classifications and the information in the safety data sheet prior to mixing. Use suitable personal protective equipment during application and ensure adequate ventilation. For information on protective measures, storage, transport and disposal, refer to the current safety data sheets for the components.																														
Technical data	<table> <tr> <th>Technical parameter</th><th>Specification</th></tr> <tr> <td>Product type</td><td>Water-based two-component parquet sealant with a natural wood finish</td></tr> <tr> <td>Binder base</td><td>High-quality PU dispersion</td></tr> <tr> <td>Bio-based content in the binder</td><td>Approx. 35% (manufacturer's specification for the binder used)</td></tr> <tr> <td>Mixing ratio</td><td>10 : 1 (base coat : hardener)</td></tr> <tr> <td>Solids content</td><td>35 ± 2 %*</td></tr> <tr> <td>Gloss level Ultra-matt</td><td>< 5% GU*</td></tr> <tr> <td>Gloss measurement</td><td>60° on glass</td></tr> <tr> <td>Application temperature</td><td>Room, floor and material ideally +15 to +25.</td></tr> <tr> <td>Relative humidity</td><td>40–75 %</td></tr> <tr> <td>Wood moisture content</td><td>max. 12%</td></tr> <tr> <td>Final sanding of raw timber</td><td>P100, preferably P120</td></tr> <tr> <td>Application tool</td><td>OLI water-based paint roller, microfibre, 11 mm pile height</td></tr> <tr> <td>Coverage/application rate</td><td>approx. 8–10 m²/l per coat; 1st coat approx. 100 g/m², subsequent coats approx. 120 g/m²</td></tr> <tr> <td>Pot life</td><td>approx. 3 hours</td></tr> </table>	Technical parameter	Specification	Product type	Water-based two-component parquet sealant with a natural wood finish	Binder base	High-quality PU dispersion	Bio-based content in the binder	Approx. 35% (manufacturer's specification for the binder used)	Mixing ratio	10 : 1 (base coat : hardener)	Solids content	35 ± 2 %*	Gloss level Ultra-matt	< 5% GU*	Gloss measurement	60° on glass	Application temperature	Room, floor and material ideally +15 to +25.	Relative humidity	40–75 %	Wood moisture content	max. 12%	Final sanding of raw timber	P100, preferably P120	Application tool	OLI water-based paint roller, microfibre, 11 mm pile height	Coverage/application rate	approx. 8–10 m ² /l per coat; 1st coat approx. 100 g/m ² , subsequent coats approx. 120 g/m ²	Pot life	approx. 3 hours
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Recoatable/Intermediate sanding	After approx. 2–3 hours at +20 °C / 50 % r. F., can be recoated within 24 hours without intermediate sanding. If more than 24 hours have elapsed, intermediate sanding with P120–150 is required to ensure intercoat adhesion.
Walkability/Load-bearing capacity	Can be walked on carefully after approx. 5–6 hours; limited load-bearing capacity after 12 hours and full load-bearing capacity after approx. 8–10 days
Initial care/covering	Not before the coating has fully cured, approx. 7 days
Tool cleaning	Immediately after use with water
Storage	Cool, dry and frost-free; +5 to +30 °C
Shelf life	Coating: 12 months; hardener: 12 months in the unopened original container

Our application recommendations, whether verbal or in writing, are provided for guidance only and are not binding. They are based on our experience and the current state of knowledge gained from practical application. They do not relieve the applicator of the responsibility to test our products themselves, at their own risk, to ensure they are suitable for the intended purpose. All previous editions are hereby superseded. Date: 07.10.26_GS