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TECHNICAL DATA SHEET

OLI-AQUA STANDARD 15.50 | 1K/2K Parquet Sealant

SELF-CROSSLINKING 1K PARQUET SEALANT WITH OPTIONAL 2K PERFORMANCE

OLI-AQUA STANDARD 15.50 is a water-based, self-curing PU parquet sealer for heavily used parquet and timber floors. Even when applied as a 1K system, this high-performance product combines excellent resistance to abrasion, scratches and chemicals with simple, reliable application and very good levelling properties. Where higher performance requirements apply, the resistance can be further enhanced by adding OLI-AQUA Hardener 13.2. OLI-AQUA STANDARD thus combines the straightforward application of a 1K coating with the option of additional 2K performance for areas subject to heavier wear.

Gloss level	Item	Container / PU	Range
Semi-matt-4	A00701_KF	1 x 5 L paint*	96
Matt-2	A00704_KF	1 x 5 L paint *	96
Extra matt-1	A05330_KF	1 x 5 L paint*	96
Semi-matt-4	A00701_KH	1 x 2.5 L paint	150
Matt-2	A00704_KH	1 x 2.5 L paint	150
Extra matt-1	A05330_KH	1 x 2.5 L paint	150

* For 2-component applications, the appropriate OLI-AQUA hardener 13.2 must be ordered separately.

Area of application	For parquet and wooden floors subject to high demands in terms of wear and chemical resistance. Particularly suitable for high-quality residential areas as well as high-traffic areas in offices, hotel rooms, small retail outlets and similar commercial premises. Also suitable for the on-site renovation of permanently installed wooden staircases. Can be used as a 1K system or, depending on the wear requirements, as a high-performance 2K variant with OLI-AQUA Hardener 13.2.
Properties	▪ Water-based, self-cross-linking PU parquet sealant ▪ High resistance to abrasion, scratches and chemicals even as a 1K system ▪ Optionally available with OLI-AQUA Hardener 13.2 for enhanced 2-component performance ▪ Excellent flow and a uniform surface finish ▪ Versatile for use in residential, commercial and renovation applications ▪ Available in extra-matt, matt and semi-matt finishes
Complies with/Tested in accordance with	The following information relates to the respective tested or approved system configurations. The valid test reports and approvals are authoritative. DIBt / AgBB – Emissions Emissions-tested construction product in accordance with DIBt principles. The requirements for emissions of volatile organic compounds in accordance with the AgBB assessment scheme are met in the approved system configuration. EN 13501-1 – Fire performance Fire performance depends on the specific floor and system configuration. The relevant test and approval certificates are decisive. GISCODE / VOC GISCODE W2+. Complies with EU Decopaint requirements in accordance with the product-specific classification.
Sealing system	Standard 1K system 3 x OLI-AQUA STANDARD 15.50

	For heavily trafficked residential areas and commercial surfaces. The self-curing 1K system is applied ready-to-use and achieves high mechanical and chemical resistance even without the addition of a hardener. 2-component system – increased wear 3 × OLI-AQUA STANDARD 15.50 with OLI-AQUA Hardener 13.2 Where higher performance requirements apply, OLI-AQUA Hardener 13.2 can be added in a mixing ratio of 10 : 1. This specifically further increases the sealant's resistance. System with primer 1 × OLI-AQUA PRIME 15.81 2 × OLI-AQUA STANDARD 15.50 – either 1K or 2K OLI-AQUA PRIME 15.81 reduces edge bonding in water-based coatings and can therefore minimise the risk of irregular joint formation resulting from dimensional changes in the timber. Its use is particularly recommended for critical parquet installations and for parquet laid over underfloor heating. Furthermore, the primer improves application reliability and reduces the risk of visible brush marks. 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
Substrate preparation	contaminants. Graded sanding 80/100/120, final sanding with 120-grit The finer the sanding, the less the wood is roughened. During renovation work, existing coatings and care product residues must be completely removed. A test area must be prepared on woods with high-content or unknown compositions, as well as on critical substrates. For dimensionally critical installations, e.g. floorboards, edge-grained slats, renovation floors or parquet laid over underfloor heating, the system build-up with OLI-AQUA PRIME 15.81 is recommended
Application	Stir or shake OLI-AQUA STANDARD 15.50 thoroughly before use and homogenise occasionally, even during prolonged application. 1K application Apply ready-to-use. No hardener required. 2-component application Mix OLI-AQUA Hardener 13.2 thoroughly shortly before use in a ratio of 10 parts paint to 1 part hardener. Only prepare partial batches whilst strictly adhering to the mixing ratio. Use the mixed material within the pot life. The end of the pot life is not necessarily indicated by a change in viscosity. Do not extend the pot life of material that has already been mixed by adding water, fresh base coat or hardener. Apply OLI-AQUA STANDARD 15.50 evenly using the OLI water-based paint roller. Work wet-on-wet and avoid brush marks and build-up of material. Do not pour the material directly onto the floor; instead, apply it from a clean application tray. For larger areas, plan the work sequence, quantity of material and staffing levels so as to ensure rapid and continuous application. Allow sufficient drying time between coats and ensure good air circulation; avoid draughts and direct sunlight. Do not apply more than two full-surface primer or coats of varnish per day. An even intermediate sanding of the varnish before the final coat improves the surface finish. Remove all sanding dust thoroughly afterwards.
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 8–10 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. ▪ Safety data sheet and labelling of 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. For two-component application, handle the base coat and hardener in accordance with their respective classifications and the information in the safety data sheet before mixing. Use suitable personal protective equipment during application and ensure adequate ventilation. The current safety data sheets are authoritative for information on protective measures, storage, transport and disposal.

Technical data	Technical parameter	Specification
	Product type	Water-based, self-cross-linking 1K/2K PU parquet sealant
	Binder base	High-quality PU dispersion
	Mixing ratio	10 : 1 (base coat : hardener)
	Solids content	35 ± 2 %*
	Gloss level Extra matt	approx. 10 ± 3 GU*
	Gloss level: Matt	approx. 20 ± 3 GU*
	Gloss level: semi-matt	approx. 40 ± 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
	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 use after approx. 12 hours; fully load-bearing 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: as per the current product data sheet 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: 06.1026_GS