

KOIMOS Parquet Oil

No. 278



Application range	Interior: solid wood – floors, stairs and heavily used surfaces. Only to a limited extent suitable for: multiplex board, veneers and plywood – observe the test area for two days. Solvent-free version: KOIMOS Parquet Oil No. 277.														
Technical qualities	Developed for floors and stairs: the oil saturates the wood and builds a hard-wearing wear layer on top of it. After the third coat the surface is water-repellent, matt to glossy depending on the type of wood and the sanding. Low-solvent – VOC content at most 94 g/l. Free from fragrances and essential oils. Easy to apply: thinner thanks to the solvent content, it spreads evenly and can also be brushed and sprayed. Fully declared – including the substances that need not be named.														
Full declaration	Linseed oil, linseed stand oil natural resin ester, wood oil, isoaliphatics, silicic acid, micronised wax, zinc oxide, zinc carbonate, dehydrated amino sugar, drying agents (Mn, Zr).														
Colour	002 Clear.														
Dilution	SVALOS Thinner No. 222 or No. 292 (without orange oil) – quantity according to the method of application, see Application method.														
Application method	Remove any skin that may have formed, stir well, apply a test area. Undiluted with a single-disc machine or an orbital sander and a grey felt pad; with 10 % thinner with a brush, a sealing brush or a lint-free cotton cloth; with 10-20 % No. 292 with a spray gun. Apply above 16 °C. Three coats. Further information on page 2.														
Coverage	<table><tr><th>Coat</th><th>Consumption</th><th>Coverage</th></tr><tr><td>1st coat</td><td>approx. 45 ml/m²</td><td>approx. 22 m²/l</td></tr><tr><td>2nd coat</td><td>approx. 11 ml/m²</td><td>approx. 90 m²/l</td></tr><tr><td>3rd coat</td><td>approx. 4 ml/m²</td><td>approx. 250 m²/l</td></tr></table> Guide values; they vary with the type of wood, the wood-based material and the sanding.	Coat	Consumption	Coverage	1st coat	approx. 45 ml/m ²	approx. 22 m ² /l	2nd coat	approx. 11 ml/m ²	approx. 90 m ² /l	3rd coat	approx. 4 ml/m ²	approx. 250 m ² /l		
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Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or No. 292 or with LEVO Brush Cleaner No. 997.														
Drying time	At 23 °C and 50 % relative humidity at least 12 hours after each coat and 24 hours after the last one. For the subsequent hardening see page 2. Warmth shortens the time, cold and high humidity lengthen it.														
Specific gravity	approx. 0.94 g/ml.														
Notes	Risk of spontaneous combustion from oil-soaked materials Cleaning cloths, polishing pads, sponges and sanding dust soaked with oil heat up as they dry; crumpled together, the heat builds up and can cause a fire. Therefore do not leave them unattended after use: immerse them in water and dispose of them wet, lay them out singly to dry through, or collect them in a closed metal container – soak the contents before emptying it. The product itself is not self-igniting – neither liquid nor applied. Ensure good ventilation during and after application.														
Hazard statements	H412 P273 P501	Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents/container to an approved waste disposal plant.													
Disposal	According to local regulations.														
Container sizes	0.05 l; 0.25 l; 0.75 l; 2.5 l; 10 l; 30 l.														
Storage	Cool and dry. Unopened shelf life at least 4 years. Opened containers react with atmospheric oxygen – transfer residues into smaller containers.														

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Substrate	The wood must be dry, sound, absorbent and free from resin and dust. Wood moisture: below 12 %. Sanding: in stages up to 120 grit; on very smooth or pale woods – birch, maple, hornbeam, spruce, Douglas fir – up to 180 grit. On very hard, oily and resinous wood only up to 80 grit, then sand between coats with 280–320 grit after the first coat. Glues and adhesives must be fully cured. In new buildings keep the indoor humidity at 40–60 %.
Coating system	Three coats; only they make the surface fully water-repellent. 1. Apply generously. After 15–20 minutes spread the oil still standing on the surface, polish it in and remove the remainder: all pores should be saturated, no oil may be left standing on the surface. On pale wood such as maple apply the first coat with KUNOS Countertop and Furniture Oil No. 241 in shade 204 White – this prevents yellowing. 2. After at least 12 hours spread one teaspoon per m² and polish it in immediately. 3. After a further 12 hours as for the second coat. For a more matt sheen polish in a very thin coat of BIVOS Oil Wax No. 375 no earlier than 12 hours after the last coat.
First use	During the first 4 weeks after the last coat the coating continues to harden inside. Avoid standing water, covering large areas and heavy mechanical stress during this time; otherwise the surface can be used.
Cleaning and care	Wipe with a damp, not wet, cloth – with TRENA pH-Neutral Cleaner No. 556 in the water. At every fourth to fifth cleaning add GLANOS Care Emulsion No. 559 instead. Choosing the sheen: more matt with GLEIVO Beeswax No. 315, satin gloss with BIVOS Oil Wax No. 375 or KUNOS Care No. 1878. Replenish the wear layer in traffic areas with KOIMOS Parquet Oil No. 278.
Notes	Sanding The finer the sanding, the lower the consumption and the less the film wears. Water Only saturated wood is water-repellent. On surfaces that are not yet saturated water can cause stains and discolouration. Film thickness Applied too thickly the surface stays tacky and sensitive to water; oil must not run into wide joints. Always remove the excess along the length of the boards. Discolouration On woods rich in tannin or colouring matter and on sanded, stripped or stained wood discolouration is possible – visible within a week. On glued end grain and veneered surfaces observe the test area for two days: certain adhesives can be attacked.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service (see p. 1).

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