

KOIMOS Parquet Oil No. 277



Application range	Interior: solid wood – floors, stairs and heavily used surfaces. Only to a limited extent suitable for: multiplex board and veneers – observe the test area for two days. Not suitable for: plywood, OSB and similar panel materials. Low-solvent version: KOIMOS Parquet Oil No. 278.											
Technical qualities	Developed for floors and stairs: the oil saturates the wood and builds up a wear layer on top of it that stands up to use. After the second coat the surface is satin gloss and water-repellent. Solvent-free – VOC content 0 g/l. Free from fragrances and essential oils. Fully declared – including the substances that need not be named.											
Full declaration	Depending on the shade: linseed oil, linseed stand oil natural resin ester, wood oil, zinc oxide, silicic acid, micronised wax, dehydrated amino sugar, titanium dioxide, drying agents (Mn, Zr).											
Colour	002 Clear; 204 White.											
Dilution	Ready to use; if required thin with SVALOS Thinner No. 222.											
Application method	Remove any skin that may have formed, stir well, apply a test area. Block brush, plastic or rubber spatula and single-disc machine above 12 °C. One to two 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>30–40 ml/m²</td><td>25–33 m²/l</td></tr><tr><td>2nd coat</td><td>approx. 3 ml/m²</td><td>300–450 m²/l</td></tr></table> Guide values; they vary with the type of wood, the sanding and the absorbency – consumption by wood see page 2. For a project calculation allow for the quantity remaining in the tools.	Coat	Consumption	Coverage	1st coat	30–40 ml/m²	25–33 m²/l	2nd coat	approx. 3 ml/m²	300–450 m²/l		
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Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or No. 292 (without orange oil) or with LEVO Brush Cleaner No. 997.											
Drying time	At 23 °C and 50 % relative humidity 12 hours after the first coat and 24 hours after further coats. Warmth shortens the time – then polish in earlier; cold and high humidity lengthen it.											
Specific gravity	approx. 0.96 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. Dried residues: household waste.											
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, adhesives and fillers must be fully cured; observe the manufacturer's data on drying time and absorbency. In new buildings keep the indoor humidity at 40–60 %.										
Coating system	One to two coats, depending on absorbency and type of wood; only the second makes the surface satin gloss and hard-wearing. 1. Apply generously with a block brush, a spatula or a single-disc machine with a beige pad. Polish in after 15 minutes and, if required, remove the excess with a grit-free oil-absorbing pad, an orbital sander or a lint-free cotton cloth. On pale woods such as birch and maple use shade 204 White for this first coat – an additional generous coat is not intended. 2. Once dry, sand between coats with a grit-free pad. 3. After at least 12 hours spread one teaspoon per m² (approx. 3 ml) and polish it in immediately with a grit-free pad. The surface must then look even and satin gloss. Applied too thickly it stays tacky and sensitive to water; oil must not run into wide joints. Always remove the excess along the length of the boards.										
Consumption by wood	<table> <tr> <th>Wood</th><th>First coat</th></tr> <tr> <td>Pine</td><td>approx. 40 ml/m²</td></tr> <tr> <td>Maple</td><td>approx. 35 ml/m²</td></tr> <tr> <td>Beech</td><td>approx. 33 ml/m²</td></tr> <tr> <td>Oak</td><td>approx. 30 ml/m²</td></tr> </table>	Wood	First coat	Pine	approx. 40 ml/m ²	Maple	approx. 35 ml/m ²	Beech	approx. 33 ml/m ²	Oak	approx. 30 ml/m ²
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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. In alternation, add GLANOS Care Emulsion No. 559 instead of the neutral cleaner. If the surface looks matt, re-treat it with KUNOS Floor Care No. 1862. Renew the wear layer in traffic lanes with KOIMOS Parquet Oil No. 277.										
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 not yet saturated, water can leave stains and discolouration. Discolouration On woods containing tannic acid or dyes and on sanded, stripped or stained wood, discolouration is possible – visible within a week. End grain and veneers On glued end grain and veneered surfaces observe the test area for two days: certain glues 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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