

Technical Data Sheet

KOIMOS Parquet Oil No. 278

Application range	For solid interior timber such as floors. Only to a limited extent suitable for Multiplex, veneers and plywood.
Technical qualities	Produces a matt to glossy surface after 3 applications, depending on the type of wood and pre-sanding. Complies with DIN 53 160, fast to perspiration and saliva. Free from organic chemical compounds according to DIN EN 71 part 9.
Full declaration	Linseed oil, linseed oil - stand oil - natural resin ester, wood oil, isoaliphates, silicic acid, micronized wax, zinc oxide, zinc carbonate, dehydrated amino sugar and drying agents free of lead (Ca, Mn, Zr.).
Colors	002 clear
Dilution	SVALOS Thinner No. 222 or No. 292 (without orange oil).
Application method	Temperatures must be above 16°C. Undiluted: with single-disc machine or eccentric sander and gray felt pad. Diluted with 10% SVALOS Thinner No. 222 or No. 292: with brush, sealing brush or non-fluffy cotton cloth. Diluted with 10-20% SVALOS No. 292 (without orange oil): with spray gun. For details see page 2.
Coverage	1st coat: 45 ml/m ² , i.e. 1 l (1.06 qt) is sufficient for approx. 22 m ² (237 ft ²). 2nd coat: 11 ml/m ² , i. e. 1 l (1.06 qt) is sufficient for approx. 90 m ² (969 ft ²). 3rd coat: 4 ml/m ² , i.e. 1 l (1.06 qt) is sufficient for approx. 250 m ² (2691 ft ²). The indicative values may vary depending on the pre-sanding and the type of wood / wood-based material.
Cleaning	Clean equipment immediately after use with SVALOS Thinner No. 222, No. 292 or LEVO Brush Cleaner No. 997.
Drying time	At 23 °C (73 °F) and 50% relative humidity: approximately 6 hours for the first coat, subsequent coats 24 hours. Completely hardened after four weeks. At higher temperatures, please consider shorter drying times and polish more quickly. At lower temperatures and higher humidity, please consider longer drying times as given above.
Specific gravity	Approximately 0.94 g/ml.
Safety advice	Provide enough ventilation after application. Always be sure to store cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with KOIMOS Parquet Oil No. 278 in an airtight metal container or in water until their disposal, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable. H412 Harmful to aquatic life with long lasting effects. P102 Keep out of reach of children. P273 Avoid release to the environment. P501 Dispose of waste according to applicable legislation.
Disposal	According to locally regulated laws.
Container sizes	0.05 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 30 l.
Storage	Cool and dry. Shelf life: unopened at least 4 years. Opened products react with oxygen, over time skin formation and rancid smell can occur. Residues should be transferred into smaller containers.

How to use

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Wood

Preparation

Wood must be dry (wood moisture content less than 12%) solid, absorbent, and free of resin and dust. Pre-sand gradually up to 120 grain. For very smooth surfaces, or for light timber such as birch, maple, hornbeam or Douglas fir, pre-sand gradually up to 180 grain. Consider the indoor humidity of new buildings.

Application

Remove any skin that might have formed on the surface (in case of already opened containers) and stir thoroughly. Test application!

Apply 1st coat generously and after 15-20 minutes distribute, polish in and remove, if necessary, visible oil residues. All wood pores should be saturated with the oil, but no oil should remain on the surface.

After at least 12 hours drying time, the **2nd coat** (one teaspoon per m²) can be applied by polishing in immediately.

After another 12 hours, the **3rd coat** (applied in the same way as the 2nd coat) can be applied.

Three coats are necessary for optimum water resistance.

For gloss reduction, carry out an additional final treatment with BIVOS Oil Wax No. 375 (polish up very thinly >12 hrs after the last application).

Cleaning

Clean with TRENA pH-neutral Cleaner No. 556 diluted with water and wipe with a moist, but not wet cloth.

Care

Every 4th to 5th cleaning should be done with GLANOS Natural Liquid Wax Cleaner No. 559 diluted with water instead of TRENA pH-neutral Cleaner No. 556. Use KOIMOS Parquet Oil No. 278 for the aftercare of the wear layer, e.g. for walk ways.

If you want the surface to look more matt, follow up with GLEIVO Beeswax No. 315. For a satin glossy finish, follow up with BIVOS Oil Wax No. 375 or KUNOS Maintenance No. 1878.

Important tips

Stains or discoloration may occur if the wood is not completely saturated with KOIMOS Parquet Oil No. 278 and exposed to water afterwards.

With oak or other wood species containing tannic acid or dyes, or with sanded, stripped, pre-treated wooden surfaces, discoloration is possible within one week. On glued crosscut wood and veneered surfaces, observe a treated test area for two days, as certain adhesives may dissolve. Glues or adhesives must be completely dry.

Fine sanding not only reduces the amount of KOIMOS required but also the tendency of “wear and tear” and soiling of the surface.

Exception for very hard, oil and resin containing wood: Pre-sand up to 80 grain. After first sated application, intermediate sanding with 280 – 320 grain. Then follow instruction described above.

Don't allow the oil to get into wide joints of the flooring. If the application is too thick, there is a risk of water sensitivity and stickiness of the surface.

Any unabsorbed oil must always be removed lengthwise in direction of the floorboards.

For light wood such as maple, the first coat should be applied with KUNOS Natural Floor Sealer No. 241 (shade white - 204) to counteract yellowing.

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 page 1).