

KUNOS Natural Floor Sealer No. 242



Application range	Interior: untreated solid wood – furniture and floors. On floors the oil has proved particularly successful. Also for thermally modified wood: it is highly absorbent, see page 2. Only to a limited extent suitable for: veneers and OSB – conditions see page 3. Not suitable for: plywood, stained wood, cabinet interiors and exterior use.														
Technical qualities	Emphasises the grain; the surface looks satin gloss. Higher resin content than KUNOS Natural Oil Sealer No. 244 – the coating builds up a little more. After three coats the surface is hard-wearing and water-repellent. Free from fragrances and essential oils. Fully declared – including the substances that need not be named.														
Full declaration	Isoaliphates, linseed stand oil natural resin ester, ricinene oil natural resin ester, wood oil, linseed oil, natural resin glycerol ester, micronised wax, silicic acid, dehydrated amino sugar, drying agents (Ca, Mn, Zr).														
Colour	002 Clear.														
Dilution	Undiluted: with a single-disc machine or orbital sander and a grey felt pad. 10 % SVALOS Thinner No. 222 or No. 292: for brush, sealing brush or cotton cloth. 10-20 % No. 292: for the spray gun.														
Application method	Remove any skin that may have formed, stir well, apply a test area. Three coats – only then is the surface hard-wearing and water-repellent. Apply above 16 °C. 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. 50 ml/m²</td><td>approx. 20 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 and the sanding – apply a test area.	Coat	Consumption	Coverage	1st coat	approx. 50 ml/m²	approx. 20 m²/l	2nd coat	approx. 11 ml/m²	approx. 90 m²/l	3rd coat	approx. 4 ml/m²	approx. 250 m²/l		
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Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.														
Drying time	At 23 °C and 50 % relative humidity 12 hours after the first coat and 24 hours after each further coat. Warmth shortens the time – then polish in earlier; cold and high humidity lengthen it.														
Specific gravity	approx. 0.9 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.														
Safety advice	The product is not classified as hazardous under the CLP Regulation. Keep out of reach of children, never decant into food containers. If swallowed, do not induce vomiting; consult a doctor.														
Disposal	According to local regulations. Dried residues: household waste.														
Container sizes	0.05 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 30 l.														
Storage	Cool and dry. Unopened shelf life at least 4 years. Transfer residues.														

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Substrate	The wood must be dry, sound, absorbent and free from resin and dust. Wood moisture: below 12 %. Sanding: furniture in stages up to 240 grit, oak up to 180 grit; floors with the roller sander up to 120 grit, then with a sanding screen up to 180 grit. Very hard, oily and resinous wood: pre-sand only up to 80 grit and sand between coats with 280-320 grit after the first generous coat.
Coating system	Three coats; only they make the surface hard-wearing and water-repellent. 1. Apply generously. After 15-20 minutes spread the standing oil, polish it in and remove the rest: all pores should be saturated, no oil may remain on the surface. 2. After at least 12 hours spread about one teaspoon per m² and polish in immediately. 3. After a further 12 hours as the second coat. For a more matt gloss apply a wafer-thin coat of BIVOS Oil Wax No. 375 at the earliest 12 hours after the last coat.
Tools	Undiluted: single-disc machine or orbital sander with a grey felt pad. With 10 % thinner: brush, sealing brush or lint-free cotton cloth. With 10-20 % SVALOS No. 292: spray gun.
Thermally modified wood	Thermally modified wood is highly absorbent: either three generous coats – the consumption is at least twice the figure on page 1 – or prime with LINUS Boiled Linseed Oil No. 260 first and then work as above.
OSB	Three to four sparing coats with brush or sealing brush. Applied too thickly, the oil dries considerably more slowly.
Renovation	Open-pored old coatings: clean them, sand if necessary and check the absorbency; then work as on bare wood. Pore-sealing old coatings such as oil paints, lacquers, high-build systems and waxes: sand or strip them off completely.

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Routine cleaning

Wipe with TRENA pH-Neutral Cleaner No. 556 using a damp, not wet, mop – at most 10 ml (1 tablespoon) to 10 l of water.
At every fourth to fifth cleaning use GLANOS Natural Liquid Wax Cleaner No. 559 instead of the neutral cleaner.

Subsequent care

If the surface looks matt, re-treat floors with KUNOS Floor Maintenance No. 1862 and furniture with DRYADEN Furniture Polish No. 560 or KUNOS Furniture Oil No. 245.

Notes

Sanding The finer the sanding, the lower the consumption and the less dirt the surface picks up. Sanding that is too coarse makes it sensitive to water.

Excess oil Oil that does not soak in and remains on the surface dries sticky and leaves streaks. Therefore remove the excess within the stated time, earlier when it is warm.

Water Only the three coats make the surface water-repellent. On wood that is not yet saturated, water can leave stains and discolouration.

Veneers Apply all coats sparingly and polish in immediately. Below 0.5 mm top layer the risk increases that the oil affects the glue line. Test all veneers on a sample area first.

Final hardness In the first 4 weeks after the last coat the coating continues to cure inside. During this time avoid standing water, covering large areas and heavy mechanical stress; otherwise the surface can be used.

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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