

KUNOS Industrial Oil

No. 250



Application range	Interior: untreated solid wood – furniture, wall and ceiling panelling. Developed for industrial application: spraying, brushing or pad application. Not suitable for: veneers with a top layer below 2 mm, plywood, cabinet interiors, stained wood and exterior use.														
Technical qualities	White pigmented: the first coat still looks transparent, after the second and third an evenly white, satin gloss surface develops. Penetrates the wood and builds a thin coating – the grain remains visible and tangible. Fully declared – including the substances that need not be named.														
Full declaration	Isoaliphates, linseed stand oil natural resin ester, soya stand oil natural resin ester, linseed oil, linseed-wood stand oil, titanium dioxide, natural resin glycerol ester, linseed stand oil, quartz, orange oil, silicic acid, micronised wax, chalk, aluminium silicate, talc, ricinene stand oil, dehydrated amino sugar, drying agents (Ca, Mn, Zr).														
Colour	204 White.														
Dilution	Ready to use for brushing and pad application. For spraying add up to 20 % SVALOS Thinner No. 222 or No. 292 and test the setting beforehand with the equipment used.														
Application method	Remove any skin that may have formed, stir well, apply a test area. The pigment settles – stir again from time to time. Apply above 15 °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. 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 and the sanding – apply a test area.	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 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, cold and high humidity lengthen it.														
Specific gravity	approx. 0.98 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 and carries no hazard pictogram. Contains d-limonene from orange oil. May produce an allergic reaction (EUH208). 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; 0.75 l; 2.5 l; 10 l; 30 l.														
Storage	Cool and dry. Unopened shelf life at least 4 years. 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 240 grit, oak up to 180 grit. Glues and adhesives must be fully cured.
Coating system	Three coats; only they produce the evenly white, hard-wearing film. 1. Apply generously and even out the wet film with a laying-off brush or wipe it off – no oil may remain on the surface. Let it dry and, if required, sand between coats with 400 grit after at least 12 hours. 2. Apply sparingly and even out. 3. Apply sparingly and leave to stand. Work sparingly: coats that are too thick – above all the second and third – produce a soft film with little scratch resistance.
Polishing in	With a felt pad or a lint-free cotton cloth. Avoid streaks and check against the light.
Final hardness	After the last coat the coating continues to cure for 4 weeks. During this time avoid standing water, covering large areas and heavy mechanical stress; otherwise the surface can be used.
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.
Subsequent care	Depending on wear, polish on a thin coat of KUNOS Industrial Oil No. 250 once or twice a year.
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. Water On wood that is not yet saturated or has been sanded too coarsely, water stains are possible – on oak particularly when the early wood pores are not fully wetted. Incompatibilities On maritime pine, sweet chestnut and on wood containing tannic acid or dyes, stripped or pre-treated wood, delayed drying and discolouration are possible – visible within a week. Skin formation A skin may form in an opened container – the oils cross-link with atmospheric oxygen. Remove it, the oil underneath remains fully usable. Transfer residues into smaller containers: the less air above the oil, the less often it occurs.

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).

September 2026