

## Technical Data Sheet

# DUBNO Penetrating Priming Oil No. 261

**Without orange oil** (from batch number #47197)

<b>Application range</b>	In the interior, as a pre-treatment on raw or untreated wood for finishing with LIVOS stains, waxes, lacquers. Not to be used on cabinet interiors, floors, countertops, or furniture.
<b>Technical qualities</b>	Good penetration capability. Reinforces and deepens the natural color of the wood grain, water resistant. Complies with German Industrial Norm DIN EN 71 part 3, certified as suitable for toys. DUBNO Penetrating Priming Oil No. 261 was rated as <b>very good</b> in the journal "Ökotest: construction, housing, renovation" edition 4/2002.
<b>Full declaration</b>	Linseed oil, isoaliphates, drying agents free of lead (Co, Mn, Zr) and rosemary oil.
<b>Color</b>	Pale yellow (Gardner color index: approximately no. 4 - 5).
<b>Dilution</b>	Ready to use.
<b>Application method</b>	By painting, dipping or spraying (nozzle size 0.7 – 1.0 mm, spraying pressure: 3 bar). Test application.
<b>Coverage</b>	Determine the exact coverage by doing a test coat! 1 liter (1.06 quart) is sufficient for approximately 15 m <sup>2</sup> (161 ft <sup>2</sup> ) per coat, i.e. 67ml/m <sup>2</sup> . Could be considerably less, depending on the condition and absorbency of the surface. For spraying add max. 5 -10%, for dipping add max. 10 – 20% of SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293.
<b>Cleaning up</b>	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
<b>Drying time</b>	At 23 °C (73 °F) and 50% relative humidity 8 - 12 hours for the first coat; subsequent coats approx. 24 hours. At higher temperatures, please consider shorter drying times. At lower temperatures and higher humidity, please consider longer drying times as indicated above.
<b>Specific gravity</b>	Approximately 0.84 g/ml.
<b>Safety advice</b>	<p>Always be sure to store and then dispose of cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with DUBNO Penetrating Priming Oil No. 261 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content.</p> <p>The product itself will not combust spontaneously. Contains Cobalt (2+) salts. Can cause allergic reactions.</p> <p>S 2 Keep out of the reach of children. S 62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.</p>
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.25 l; 0.75 l; 2.5 l; 5 l; 10 l; 30 l; 200 l.
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Close opened product tightly.

How to use

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- Preparation** Surface must be dry (moisture content below 15 %, not higher than 12 % for European deciduous wood, solid, absorbent, clean, and free of dust. Resin-rich timber might have to be pre-treated by brushing with SVALOS Thinner No. 222 and exotic woods with KIROS Thinner No. 710, then rub dry.
- Application** An even saturation of the wood surface with a deep penetration is achieved through a saturated application. For very absorbent surfaces (e.g. end grain), let the first coat dry and apply a second coat after 24 hours.  
The excess oil should be removed with a dry brush or a lint-free cloth approximately 20 - 30 minutes after each coat; otherwise an uneven gloss is to be expected.  
Final-treatment with LIVOS stains, waxes or lacquers.
- Renovation coat** **Preparation** Pore-clogging coatings (oil-based paints, lacquers, multi-layered coatings) and wax coatings must be sanded or stripped until there is no old residue. Open-pored coatings must be cleaned and, if necessary, sanded. Test the surface's absorbency.  
**Application:** Follow the usual application instructions for untreated wood, but consider a possibly lower absorbency. In exterior areas, only completely weather-beaten wood must be primed.
- Important tips** DUBNO Priming Oil No. 261 does not contain protection against blue-staining fungi; therefore wooden surfaces prone to blue staining fungi should be primed with ADAO External Primer No. 259. **Oak** should be primed with LINUS Penetrating Oak Priming Oil No. 233.  
Silicone sealants should be applied only after complete drying, but should not be painted over with DUBNO Penetrating Priming Oil No. 261 or with any other LIVOS product.  
With oak or other wood species containing tannic acid or dyes, or with sanded, stripped, or pre-treated wooden surfaces, it is strongly recommended to do a test application (discoloration is possible within one week).  
Not to be used on fruit tree wood. For exterior tropical woods, which are absorbent.  
If the stain drips off or bubbles appear during application, an incompatibility exists through the pre-treatment or it has been sanded to smooth. Coarser sanding may possibly create remedy.

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](http://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 retailer, wholesaler, or manufacturer.

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