


Technical Data Sheet

MELDOS Natural Resin Hardening Oil No. 264

Application range	Suitable for interior use on solid softwood (e.g. furniture) and absorbent stone slabs. For terrazzo - floors also suitable for exterior use. Not suitable for wooden floors, interior parts of cabinets, veneers e.g. kitchen furniture.
Technical qualities	Impregnating, very deeply penetrating. Reinforces and deepens the natural color of the wood grain. Complies with the German Industrial Norm (DIN) 53 160, fast to perspiration and saliva and DIN EN 71 Part 3 as suitable for toys. Free from organic chemical compounds according to DIN EN 71 part 9.
Full declaration	Isoliphates, linseed oil, linseed oil - stand oil - natural resin ester, linseed oil - stand oil, orange oil, and drying agents free of lead (Mn, Zr).
Color	Clear, reinforces and deepens strongly the natural color of the wood grain.
Dilution	SVALOS Thinner N° 292 (without orange oil), SVALOS Spray Thinner No. 293 or SVALOS Thinner No. 222.
Application method	By painting (undiluted), spraying or rolling with solid rubber or dipping (dilute with up to 10 - 20 %, see also "Dilution"). Always apply test coats.
Coverage	Determine the exact amount needed by doing a test application! Wood First coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 17 m ² (183 ft ²), i.e. 60ml/m ² . Second coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 33 m ² (355 ft ²), i.e. 30ml/m ² . Third coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 84m ² (904 ft ²), i.e. 12ml/m ² . Could be considerably less ml/m ² , depending on the condition and absorbency of the surface. Cotto Tiles First coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 17 m ² (183 ft ²), i.e. 60ml/m ² . Second coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 25 m ² (269 ft ²), i.e. 40ml/m ² . Third coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 28m ² (301 ft ²), i.e. 36ml/m ² . Could be considerably less ml/m ² , depending on the condition and absorbency of the surface.
Drying time	At 23 °C (73 °F) and 50% relative humidity approximately 8 to 16 hours for the first coat. Subsequent coats and "wet-in-wet" impregnation: approximately 16 to 24 hours. At higher temperatures, please consider shorter drying times and remove the excess oil sooner. Daylight during drying is recommended.
Cleaning	Clean equipment immediately after use with SVALOS Thinner N° 292 (without orange oil), SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293.
Specific gravity	Approximately 0.84 g/ml.
Safety advice	Ensure good ventilation during and after application. Always be sure to store and then dispose of cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with MELDOS Natural Resin Hardening Oil No. 264 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable. H304 May be fatal if swallowed and enters airways. H413 May cause long lasting harmful effects to aquatic life. P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting. P405 Store locked up. P273 Avoid release to the environment. P501 Dispose of waste according to applicable legislation. EUH208 Contains limonene (orange oil). May produce an allergic reactions. Hotline for allergy sufferers: +49 (0)5825 / 8871.
 Danger	
Disposal	According to locally regulated laws.
Container sizes	0.1 l; 0.25 l; 0.75 l; 2.5 l; 5 l; 10 l; 30 l; 200 l.
Storage	Cool and dry. Shelf life: unopened at least 4 years. Close lid tightly after use.

How to use

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Coniferous wood	<p>Wood should be dry, solid, absorbent, finely sanded (furniture 240 grit), clean, and free of resin and dust. Glue and adhesives must be absolutely dry.</p> <p>Depending on requirements and absorbency: 1 - 3 coats ("wet-in-wet" or with intermediate drying), until the wood is saturated.</p> <p>After 20-30 minutes after each treatment, the oil that has not been absorbed must be spread on areas that are still absorbent or removed.</p> <p>Sand in between with 240 grain sandpaper.</p> <p>LIVOS products suitable as after-treatment: ARDVOS Universal Wood Oil No. 266, ALISA Hard Wax No. 302, or BIVOS Oil Wax No. 375.</p> <p>In areas exposed to water splashes as well as in moisture-prone areas always without subsequent wax treatment.</p>
Open-pored stone slabs	<p>After deacidification with GLOUROS Cement Residue Remover No. 1808 (follow manufacturer's instructions), leave the tiles untreated for a minimum of four weeks.</p> <p>Treat one tile at an inconspicuous spot; if white spots or streaks appear, deacidify again. Saturate the tiles with MELDOS Natural Resin Hardening Oil No. 264. Carefully remove the oil excess approx. 20 minutes after application. For further information on after-treatment, see also " Coniferous wood".</p>
Terrazzo	<p>Apply generously indoors and outdoors, rub surface dry after approx. 15 minutes, using a non-fluffy cotton cloth or an oil absorbent pad with polishing machine.</p> <p>In interior areas, a very thin layer can be polished on after drying, which can be supplemented by repeated polishing depending on the wear.</p> <p>In outdoor areas, no layer should be formed on the surface. Depending on the influence of the weather, maintenance can be carried out with a wafer-thin coat once a year.</p>
Renovation of old furniture	<p>Pore-clogging coatings (oil-based paints, lacquers, multi-layered coatings) and wax coatings must be sanded or stripped until there is no old residue. Surface must be solid, absorbent, clean and free of dust.</p> <p>Open-pored coatings must be cleaned and, if necessary, slightly sanded.</p> <p>Test the surface's absorbency and compatibility.</p> <p>Follow the application instructions for coniferous wooden surfaces, but consider a possibly lower absorbency.</p>
Important tips	<p>MELDOS Natural Resin Hardening Oil No. 264 is not suitable for the after-treatment of stained, leached softwoods, nor for hardwoods in general (linseed oil can come out of the pores and fruit tree woods can become dappled).</p>

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.

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