

## Technical Data Sheet

# MELDOS Natural Resin Hardening Oil No. 264

<b>Application range</b>	For interior coniferous solid timber ( e.g. furniture) and absorbent stone slabs. In case of terrazzo floors also suitable for outdoor use. Not suitable for cabinet interiors, veneers e.g. for kitchen furniture.
<b>Technical qualities</b>	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.
<b>Full declaration</b>	Isoaliphates, linseed oil, linseed oil - stand oil - natural resin ester, linseed oil - stand oil, orange oil, and drying agents free of lead (Co. Zr).
<b>Color</b>	Clear, reinforces and deepens strongly the natural color of the wood grain.
<b>Dilution</b>	SVALOS Spray Thinner No. 293 or SVALOS Thinner No. 222.
<b>Application method</b>	By painting (undiluted), spraying, rolling with solid rubber, dipping (dilute with SVALOS Spray Thinner No. 293 or SVALOS Thinner No. 222, 10 – 20 %).
<b>Coverage</b>	Determine the exact amount needed by doing a test application! <b>Wood</b> First coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 17 m <sup>2</sup> (183 ft <sup>2</sup> ), i.e. 60ml/m <sup>2</sup> . Second coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 33 m <sup>2</sup> (355 ft <sup>2</sup> ), i.e. 30ml/m <sup>2</sup> . Third coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 84m <sup>2</sup> (904 ft <sup>2</sup> ), i.e. 12ml/m <sup>2</sup> . Could be considerably less ml/m <sup>2</sup> , depending on the condition and absorbency of the surface. <b>Cotto Tiles</b> First coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 17 m <sup>2</sup> (183 ft <sup>2</sup> ), i.e. 60ml/m <sup>2</sup> . Second coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 25 m <sup>2</sup> (269 ft <sup>2</sup> ), i.e. 40ml/m <sup>2</sup> . Third coat: 1 liter (1.06 quart) undiluted is sufficient for approximately 28m <sup>2</sup> (301 ft <sup>2</sup> ), i.e. 36ml/m <sup>2</sup> . Could be considerably less ml/m <sup>2</sup> , depending on the condition and absorbency of the surface.
<b>Drying time</b>	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 (see reverse for further information).
<b>Cleaning</b>	Clean equipment immediately after use with SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293.
<b>Specific gravity</b>	Approximately 0.84 g/ml.
<b>Safety advice</b>	Due to insufficient oxygen and light, cabinet interiors treated with products containing linseed oil often experience drying delays, causing a lasting odor of linseed oil. More suitable are shellacs (LANDIS Shellac High Gloss No. 701) or KALDET Transparent Wood Stain No. 270. Provide enough light and ventilation during drying times. 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. <b>H304</b> May be fatal if swallowed and enters airways. <b>H412</b> Harmful to aquatic life with long lasting effects. <b>P273</b> Avoid release to the environment. <b>P301+P330+P331</b> IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. <b>P405</b> Store locked up. <b>P501</b> Dispose of waste according to applicable legislation. <b>EUH208</b> Contains limonene (orange oil), Cobalt (2+) salts. Can cause allergic reactions. Hotline for allergy sufferers: +49 (0)5825 / 8871.
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.05 l; 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 lid tightly after use.



## How to use

# MELDOS Natural Resin Hardening Oil No. 264

### Coniferous wood

Wood must be dry, solid, absorbent, finely sanded (furniture with 240 grain sandpaper), clean, and free of resin and dust. Glue and other adhesives must be absolutely dry.

Apply 1 to 3 coats ("wet in wet" or with intermediate drying), depending on the requirements and absorbency of the surface. Wood should be saturated. After each application, wait 30 minutes, then spread any excess unabsorbed oil onto spots that are still absorbent, or remove it.

Sand in between with 240 grain sandpaper.

LIVOS products suitable as after-treatment: ARDVOS Universal Wood Oil No. 266, ALISA Hard Wax No. 302, or BIVOS Oil Wax No. 375.

In areas **exposed to water splashes** as well as in **moisture-prone areas**: Use MELDOS Natural Resin Hardening Oil No. 264 or ARDVOS Universal Wood Oil No. 266, both without a wax after-treatment.

### Open-pored stone slabs

After deacidification with GLOUROS Cement Residue Remover No. 1808 (follow manufacturer's instructions), leave the tiles untreated for a minimum of four weeks. Do a test application on an inconspicuous area, e.g. in a corner; if white spots or a film appear, repeat deacidification.

Saturate with MELDOS Natural Resin Hardening Oil No. 264. Remove excess oil carefully from the surface after approximately 20 minutes. For possible after-treatment, please read the aforementioned instructions.

### Terrazzo

For indoor and outdoor use, apply a thick layer until the stone does not absorb any more oil. Rub dry after approx. 15 minutes with a non-fluffy cotton cloth or an oil absorbing pad and a polishing machine.

Indoors, after drying, a wafer-thin oil film can be applied by polishing. The film can be supplemented by repeated polishing depending on the load.

Outdoors, there should be no film on the surface. Depending on the weather conditions, the surface can be maintained by applying a wafer-thin coat once a year.

### Renovation of old furniture

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.

Open-pored coatings must be cleaned and, if necessary, slightly sanded.

Test the surface's absorbency and compatibility.

Follow the application instructions for coniferous wooden surfaces, but consider a possibly lower absorbency.

### Important tips

Provide enough ventilation during application and drying times.

Approximately 20-30 minutes after the application, remove any unabsorbed product with a lint-free cloth to assure an even gloss and equal surface drying conditions.

It is strongly recommended to do a test application.

MELDOS No. 264 is neither suitable for the after-treatment of stained coniferous wood nor generally for deciduous wood (linseed oil may seep from the pores, fruit tree wood may become dappled).

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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