

Technical Data Sheet (valid from batch # 80000)

LINUS Natural Varnish for Larch No. 238

new quality

Range of application	For exterior usage on larch and Douglas fir.
Technical qualities	Open pored, permanently elastic, intensifies slightly the natural wood color. Delays the natural greying process. Color fastness when exposed to perspiration and saliva according to DIN 53160. Suitable for toys according to DIN EN 71 Part 3. Free of organic-chemical compounds according to DIN EN 71 part 9.
Full Declaration	Linseed oil – stand oil – natural resin ester, wood oil, wood oil – stand oil, zinc oxide, silicic acid, isoaliphates, dehydrated amino sugar, and drying agents free of lead (Ca, Zr, Mn).
Color	Whitish.
Dilution	SVALOS Thinner No. 222.
Application method	By painting, spraying undiluted, or dipping at temperatures above 12°C (53,6°F).
Coverage	1 liter (1,06 fl. quart) undiluted is sufficient for 12 - 18 m ² (129 – 194 ft ²), i.e. 67 ml/m ² per coat. Consumption could be considerably less depending upon the condition and absorbency of the surface.
Drying time	At 23°C and 50 % relative humidity 24 - 48 hours. With higher temperatures, please consider shorter drying times and polish more quickly. With lower temperatures please consider longer drying times.
Cleaning	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Specific gravity	Approximately 0.88g/ml.
Safety advice	<p>LINUS Varnish for Larch No. 238 contains no preventive protection against blue-staining fungi and no UV protection. Please note that blue stains may occur in the sapwood, even with larch and Douglas fir. To avoid this please prime with ADAO External Primer No. 259.</p> <p>Ensure good ventilation during and after application.</p> <p>Always be sure to store cleaning cloths, polishing pads, sponges, etc. that are still wet or even slightly moist with LINUS Natural Varnish for Larch No. 238 in an airtight metal container or in water until their disposal, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid or applied product is not self-ignitable.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p> <p>P273 Avoid release to the environment.</p> <p>P102 Keep out of reach of children.</p> <p>P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.</p> <p>P501 Dispose of waste according to applicable legislation.</p>
Disposal	According to locally regulated laws.
Container sizes	0.05 l; 0.75 l; 2.5 l; 5 l; 10 l.
Storage	Cool and dry. Shelf life: unopened at least 4 years. Opened products react with oxygen, over time skin formation and rancid smell can occur. Residues should be transferred into smaller containers.

How to use

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Untreated wood	Wood must be dry (wood moisture content below 15%), solid, absorbent, free of grease and dust.
Application	If primed with ADAO External Primer No. 259, two sparing coats with LINUS Natural Varnish for Larch No. 238. Otherwise three sparing coats with LINUS Natural Varnish for Larch No. 238. Remove excess oil after 30 minutes after each application.
Renovation	If color changes are visible, free from dust and brush. Treat with LINUS Varnish for Larch.
Important tips	<p>Stir product thoroughly before use! With rough-sawn wood apply the first coat sated and use a brush with hard bristles.</p> <p>Depending on its origin, certain species such as larch can have different qualities (resistance to weathering). For the exterior usage, slowly grown wood, which is free of sapwood should be preferred, otherwise prime with ADAO External Primer No. 259.</p> <p>Dimensional accurate and / or horizontal wooden surfaces such as terrace floors and windows should be treated with ALIS Decking Oil No. 579.</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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