

Technical Data Sheet

ALISA Hard Oil No. 284

Range of application	For furniture, timber of medium and dark color, such as oak, elm, walnut, pear or larch. Not suitable for lightly colored timber such as pine, maple, birch or ash. Suitable only limited to interior of cabinets.
Technical qualities	Impregnating. Open pored, permanently elastic, accentuates the natural wood grain, DIN 53 160 certified for color fastness when exposed to perspiration and saliva. Free of organic chemical compounds according to DIN EN 71 part 9.
Full declaration	Linseed oil, linseed oil - stand oil, linseed oil - wood oil - stand oil, silicic acid, micronized wax, Isoaliphates, drying agents free of lead (Mn, Zr).
Color	Colorless.
Dilution	SVALOS Thinner No. 222.
Application method	With a brush, cloth or spraying device at temperatures above 12 °C (53.6 °F).
Coverage	1. coat: 1 liter (1.06 fl. quart.) covers approximately 20 – 35 m ² (215-376 ft ²), i.e. 36 ml/m ² . 2. coat: 1 liter (1.06 fl. quart.) covers approximately 80 – 150 m ² (860-1612 ft ²), i.e. 9 ml/m ² .
Drying Time	At 23 °C (73 °F) and 50% rel. humidity: 16 - 24 hours.
Cleaning	Clean equipment immediately after use with SVALOS Thinner No. 222, or LEVO Brush Cleaner No. 997.
Specific gravity	Approximately 0.87 g/ml
Safety advice	Always be sure to store cleaning cloth, polishing pads, sponges, etc. that are still wet or even slightly moist with ALISA Hard Oil No. 284 in an airtight metal container or in water until their disposal, as there is a danger of combustion caused by the linseed oil content. The liquid or applied product is not self-ignitable. P102 Keep out of reach of children. P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.
Disposal	According to locally regulated laws.
Container Sizes	0.05 lt; 0.75 lt; 10 lt; 30 lt.
Storage	Cool and dry. Shelf life: unopened at least 2 years.

How to use

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Preparation	Gradual sanding, on oak and elm up to final 180 grain, on other kinds of timber up to 240 grain. Surface must be dry (moisture content below 15%), solid, able to absorb, free of grease and dust.
Application	Apply 1 coat generously, after 30 minutes remove excess oil with a clean, lint-free cloth, let dry overnight. If a high resistance against water is required, polish after a drying time of 24 hours with a pad with 280 grain (e.g. a red pad), or a sanding paper with 400 grain. Apply second coat of ALISA Hard Oil No. 284 very thinly with a cloth.
Important tips	<p>If the second coat is applied very thinly, a good water resistance results. Too thick an application results in a sticky surface and an uneven gloss.</p> <p>Because of insufficient supply of oxygen and light, cabinet interiors treated with products containing linseed oil often experience drying delays, causing a long-lasting odor of linseed oil. Products more suitable for this purpose are shellacs (LANDIS No. 701 / BELOS No. 706) or KALDET Transparent Wood Stain No. 270.</p> <p>Please pay attention when packaging: The ready coated furniture should dry with opened doors for at least 4 days.</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 (see p.1)..

July 2023