

Technical Data Sheet

ALISA Hard Wax No. 302

N means **LIVOS neutral** for the allergy-prone and chemically sensitive

Without orange oil

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| Application range | For interior oiled or waxed surfaces, or surfaces previously primed with LIVOS shellac products. Not suitable for damp areas. |
| Technical qualities | Solvent-free. Satin-glossy finish, when completely dried. Complies with the German Industrial Norm (DIN) 53 160, fast to perspiration and saliva and DIN EN 71 Part 3 as suitable for toys. |
| Full declaration | Walnut oil, safflower oil, beeswax, carnauba wax, natural resin ester and dehydrated amino sugar. |
| Color | Clear. |
| Application method | With a cloth, spatula or hot wax spraying device (see reverse side for further information). |
| Coverage | Determine the exact coverage by doing a test coat! 1 liter (1.06 quart) is sufficient for approximately 200 m ² (2153 ft ²) per coat, i.e. 5 ml/m ² . Could be considerably less, depending on the condition and absorbency of the surface. |
| Drying time | At 23 °C (73 °F) and 50% relative humidity: 1 hour. After polishing, allow to dry for 16 hours. |
| Specific gravity | Approximately 0.85 g/ml. |
| Safety advice | <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 ALISA Hard Wax 302 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The product itself will not combust spontaneously.</p> <p>P102 Keep out of reach of children.</p> |
| Disposal | According to locally regulated laws. |
| Container sizes | 0.2 l; 2.5 l. |
| Storage | Cool and dry. Shelf life: unopened at least 2 years. After usage smooth down the surface, close properly and use the product within three months. |

How to use

ALISA Hard Wax No. 302

- Preparation** Surface must be saturated with LIVOS oils, or pre-treated with LANDIS Shellac Primer No. 718 or BASKO Masking Lacquer No. 740.
- Application** Pre-treatment has to be completely dried. After a minimum of 24 - 48 hours, apply an extremely thin coat of ALISA Hard Wax with a cloth, spatula or spraying device and spread it over the entire surface by polishing with a polishing pad or a felt pad. Adjust the spraying device according to the wax quality.
Warning! Applying too thickly can cause the surface to be sticky and difficult to polish. In this case change polishing pads more frequently.

When treating furniture, ALISA Hard Wax can be applied with a wadded cloth, a wax brush, or a small polishing pad.

Polish the treated wooden surfaces after 1 hour at the earliest; polish with strong force in the direction of the grain, with a wadded cloth, polishing brush, “blocker” (special broom for polishing floors) or electric floor polisher. It should result in a smooth, silky-glossy, non-sticky surface.
If necessary, polish again the next day after further drying.
- Renovation** Extremely dirty, worn-out or otherwise damaged areas are to be cleaned thoroughly with TRENA pH-Neutral Cleaner No. 556 and, if necessary, sanded and oiled again or treated with LANDIS Shellac Primer No. 718. After that, apply a thin layer of ALISA Hard Wax No. 302, and polish.
- Cleaning and Care** Remove dust with a vacuum cleaner or a mop.
Rubber abrasion and stubborn dirt can be removed with SVALOS Thinner No. 292. Then polish again.

According to usage, apply an after-treatment with BIVOS Oil Wax No. 375 once or twice a year. According to demand, clean with a mixture of water and TRENA pH-neutral cleaner No. 556; every 4th to 5th cleaning should be done with GLANOS Natural Liquid Wax Cleaner No. 559 instead of TRENA.
- Important tips** During the first three weeks after the application, the floor should be stressed as little as possible.
For temporary use of the floor during the first days after the application, cover it with corrugated cardboard or other permeable material. Do not place carpets etc. permanently yet. Sand, dampness and dirt are most damaging to floors.

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 retailer, wholesaler, or manufacturer.

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