

Technical Data Sheet

ALIS Decking Oil No. 579

Application range	For exterior use (exception: clear), as a treatment for terraces, facades, doors, play equipment, garden furniture and windows made of untreated solid wood. Suitable for beehives (outer part).			
Technical qualities	Impregnated, water repellent, and UV resistant surface. Complies with the German Industrial Norm DIN 53 160, fast to perspiration and saliva. Free of organic-chemical compounds according to DIN EN 71 part 9. Free of preservatives and biocides.			
Full declaration	Depending on the color possibly different ingredients: Isoaliphates, linseed oil - stand oil - natural resin ester, wood oil, mineral pigments, titanium dioxide (only in color 069, 212, 748, 794, 922, 1124, 1125, 1126), linseed oil, soy lecithin, micronized wax, silicic acid, zinc oxide, zinc carbonate, dehydrated amino sugar and drying agents free of lead (Ca, Mn, Zr).			
Colors	022 Boxtree 068 Light teak 212 Light grey 748 Slate-grey 1124 Grey willow 002 Clear (<u>without UV protection</u>)	048 Chestnut 069 Tobacco 439 Bongossi 794 Agate grey 1125 Sesame	052 Brazil 072 Oak 554 Oregon Pine 922 Silver-grey 1126 Sienna	064 Dark walnut 101 Black 593 Larch 1122 Espresso
	The color chestnut corresponds to the color tone of many exotic hardwoods. Depending on the type of wood and the surface roughness, the color impression can vary considerably. The rougher the wood, the darker the color.			
Application method	2 – 3 applications with a brush, roller or spray gun (10% diluted). See reverse for further information.			
Coverage	Must be determined by doing a test application. <u>For profiled (fluted) wood:</u> First coat: 1 liter (1.06 quart) is sufficient for approx. 7 m ² (75 ft ²), i.e., 140ml/m ² . Second coat: 1 liter (1.06 quart) is sufficient for approx. 35 m ² (377 ft ²), i.e., 30ml/m ² . <u>For planed wood:</u> First coat: 1 liter (1.06 quart) is sufficient for approx. 20-25 m ² (215-269 ft ²), i.e., 40-50ml/m ² . Second coat: 1 liter (1.06 quart) is sufficient for approx. 40-50 m ² (430-538 ft ²), i.e., 20-25ml/m ² . <u>For sanded wood (120-150 grain):</u> First coat: 1 liter (1.06 quart) is sufficient for approx. 35-50 m ² (377-538 ft ²), i.e., 20-30ml/m ² . Second coat: 1 liter (1.06 quart) is sufficient for approx. 55-70 m ² (529-753 ft ²), i.e., 14-18ml/m ² .			
Drying time	At 23 °C (73 °F) and 50% relative humidity: approximately 5 to 8 hours. The 2 nd and 3 rd coat can be applied after approximately 18 hours. At higher temperatures, please consider shorter drying times, and by lower temperatures, longer drying times.			
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	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 ALIS Decking oil N° 579 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. The liquid and processed 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. EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.			
Disposal	According to locally regulated laws.			
Container sizes	0.05 l; 0.375 l; 0.75 l; 2.5 l; 5.0 l; 10.0 l; 30.0 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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Preparation	The surface must be absorbent, solid, dry, and free of dust. If necessary, remove moss, algae, fungus, etc. with GLOUROS-Cleaner No. 1806 completely. Protect the dry terrace with a tarpaulin against dew in the evening before; otherwise wait until dry.
Application	Remove possible skin formed on surface and stir thoroughly. Test adhesiveness by doing a test application (beading effects e.g., point to incompatibilities or to high wood moisture) Apply with a brush or roller in the direction of the wood grain at temperatures above 10 °C (50 °F), low humidity and dry weather. The applications should be done within 4 weeks. Observe drying times between each coat! If using a spray gun, dilute ALIS with 10% SVALOS No. 222, 292 or 293.
Terraces, play equipment, garden furniture	Apply the 1 st coat generously until the wood is saturated. After 15 minutes spread and, if necessary, remove oil supernatants Apply the 2 nd and the 3 rd coat very thinly .
Windows, doors:	Pre-sand gradually in accordance with the grading of the sandpaper grain, and up to 180. Apply the 1 st coat generously until the wood is saturated by brush or with a short-hair roller in the direction of the wood grain. Spread excess oil with a brush after 10 – 20 minutes (depending on the temperature). Second and third application very thin . Observe the absorbency of the wood: If necessary, apply the second coat thickly too until the wood is saturated and spread excess oil with a brush after 5-10 minutes. (A layer formation should be reached after the second coat = a silky gloss is recognizable). Glass seams of new windows should be wiped immediately after the first application with a lint-free cotton cloth and not treated anymore. Silicone should be applied only after complete drying. Windows and doors should have the same layer thickness inside and outside with the same product to ensure an optimal moisture transport.
Facades:	Treat planed wood in such a way, that it is sated. Spread excess oil after approximately 5 – 20 minutes, depending on the outside temperature. Second and third application according to the instruction for windows.
Beehives:	Same treatment as facades.
Cleaning	Clean with GLOUROS Cleaner No. 1806 at least once a year.
Care	Do after care with ALIS Decking Oil No. 579 when weathering or an extreme loss of gloss becomes visible.
Important tips	Please treat strongly weathered exterior areas, only when the wood is completely dry. The moisture content of Bangkirai and teak decreases slowly. The adhesiveness can be impaired in case of already impregnated wood or due to soiling by oils, grease etc. If the stain drips off or bubbles appear during application, an incompatibility exists through the pre-treatment or it has been sanded to smooth. Coarser sanding may possibly create remedy. Not suitable on planed larch due to poor adhesion.

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 page 1).