

Technical Data Sheet

ALIS Decking Oil No. 579

Application range	For exterior use on timber such as teak, Bangkirai, larch, Douglas fir and cedar. As an initial treatment for wooden terraces, facades and windows.			
Technical qualities	Impregnated, water repellent, and UV resistant surface. Complies with the German Industrial Norm DIN 53 160, fast to perspiration and saliva. Suitable for toys according to DIN EN 71 part 3.			
Full declaration	Depending on the color possibly different ingredients : Isoaliphates, linseed oil - stand oil - natural resin ester, wood oil, micronized wax, mineral pigments, titanium dioxide, linseed oil, silicic acid, orange oil, dehydrated amino sugar, castor oil - stand oil, linseed oil - wood oil - stand oil, linseed oil - stand oil, pine oil, soya lecithin, chalk, kaolin, and drying agents free of lead (Ca, Co, Zn, Zr).			
Colors	022 boxtree 048 chestnut 052 brazil	068 light teak 072 oak 101 black	212 light grey 554 Oregon pine 593 larch	748 slate-grey 794 Agate grey 922 silver-grey
	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 or roller (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	<p>Ensure good ventilation during and after application. Always make sure, that cleaning cloths, polishing pads, sponges, etc. which are still wet or even slightly moist with ALIS Decking Oil No. 579, to store and then dispose of in an airtight metal container or in water, otherwise there is a danger of spontaneous combustion caused by the plant oil content.</p> <p>The product itself will not combust spontaneously.</p> <p>P102 Keep out of reach of children. P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor. EUH066 Repeated exposure may cause skin dryness or cracking. EUH208 Contains limonene (orange oil), Cobalt (2+) salts. Can cause allergic reactions.</p>			
Disposal	According to locally regulated laws.			
Container sizes	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. Transfer unused product into a smaller container for storage in order to minimize excess air.			

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 dry terrace with a tarpaulin against dew on the evening before; otherwise wait until dry.
Application	Stir thoroughly and remove possible skin formed on surface. 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.
Terraces:	First application sated, e.g. through pouring out and spreading the oil until saturation. Second application more sparingly. Spread after 5 – 10 minutes.
Windows:	Pre-sand with grain 80 (100) and 120. First application sated by brush or with a short-hair roller in the direction of the wood grain. Spread excess oil with a brush after 5 – 10 (20) minutes (depending on the temperature). Intermediate sanding with grain 240. Second and third application more sparingly. Observe the absorbency of the wood and if a sated application is necessary again, spread with a brush after 5 – 10 minutes. (A layer formation should be reached after the second coat). 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.
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.
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. ALIS Decking Oil is suitable for toys. The last application should be done very sparingly. The adhesiveness can be impaired through impregnation of untreated wood, 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.

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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