

Technical Data Sheet (valid from batch # 80000)

## ALIS Decking Oil No. 579

**new** quality

<b>Application range</b>	For exterior use, as a treatment for terraces, facades, doors, play equipment, garden furniture and windows made of untreated solid wood. Suitable for beehives (outer part).																								
<b>Technical qualities</b>	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.																								
<b>Full declaration</b>	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, 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, Zr).																								
<b>Colors</b>	<table border="0" style="width: 100%;"> <tr> <td>022 Boxtree</td> <td>048 Chestnut</td> <td>052 Brazil</td> <td>064 Dark walnut</td> </tr> <tr> <td>068 Light teak</td> <td>069 Tobacco</td> <td>072 Oak</td> <td>101 Black</td> </tr> <tr> <td>212 Light grey</td> <td>439 Bongossi</td> <td>554 Oregon Pine</td> <td>593 Larch</td> </tr> <tr> <td>748 Slate-grey</td> <td>794 Agate grey</td> <td>922 Silver-grey</td> <td>1122 Espresso</td> </tr> <tr> <td>1124 Grey willow</td> <td>1125 Sesame</td> <td>1126 Sienna</td> <td></td> </tr> <tr> <td colspan="4">002 Colorless (<u>without UV protection</u>)</td> </tr> </table> <p>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.</p>	022 Boxtree	048 Chestnut	052 Brazil	064 Dark walnut	068 Light teak	069 Tobacco	072 Oak	101 Black	212 Light grey	439 Bongossi	554 Oregon Pine	593 Larch	748 Slate-grey	794 Agate grey	922 Silver-grey	1122 Espresso	1124 Grey willow	1125 Sesame	1126 Sienna		002 Colorless ( <u>without UV protection</u> )			
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<b>Application method</b>	2 – 3 applications with a brush, roller or spray gun (10% diluted). See reverse for further information.																								
<b>Coverage</b>	<p>Must be determined by doing a test application.</p> <p><u>For profiled (fluted) wood:</u>            First coat: 1 liter (1.06 quart) is sufficient for approx. 7 m<sup>2</sup> (75 ft<sup>2</sup>), i.e. 140ml/m<sup>2</sup>.            Second coat: 1 liter (1.06 quart) is sufficient for approx. 35 m<sup>2</sup> (377 ft<sup>2</sup>), i.e. 30ml/m<sup>2</sup>.</p> <p><u>For planed wood:</u>            First coat: 1 liter (1.06 quart) is sufficient for approx. 20-25 m<sup>2</sup> (215-269 ft<sup>2</sup>), i.e. 40-50ml/m<sup>2</sup>.            Second coat: 1 liter (1.06 quart) is sufficient for approx. 40-50 m<sup>2</sup> (430-538 ft<sup>2</sup>), i.e. 20-25ml/m<sup>2</sup>.</p> <p><u>For sanded wood (120-150 grain):</u>            First coat: 1 liter (1.06 quart) is sufficient for approx. 35-50 m<sup>2</sup> (377-538 ft<sup>2</sup>), i.e. 20-30ml/m<sup>2</sup>.            Second coat: 1 liter (1.06 quart) is sufficient for approx. 55-70 m<sup>2</sup> (529-753 ft<sup>2</sup>), i.e. 14-18ml/m<sup>2</sup>.</p>																								
<b>Drying time</b>	At 23°C (73°F) and 50% relative humidity: approximately 5 to 8 hours. The 2 <sup>nd</sup> and 3 <sup>rd</sup> coat can be applied after approximately 18 hours. At higher temperatures, please consider shorter drying times, and by lower temperatures, longer drying times.																								
<b>Cleaning</b>	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.																								
<b>Specific gravity</b>	Approximately 0.87 g/ml.																								
<b>Safety advice</b>	<p>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.</p> <p>P102 Keep out of reach of children.            P301+P310 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.</p>																								
<b>Disposal</b>	According to locally regulated laws.																								
<b>Container sizes</b>	0.05 l; 0.375 l; 0.75 l; 2.5 l; 5.0 l; 10.0 l; 30.0 l.																								
<b>Storage</b>	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

# ALIS Decking Oil No. 579

<b>Preparation</b>	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.
<b>Application</b>	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 <sup>st</sup> coat generously until the wood is saturated. After 15 minutes spread and, if necessary, remove oil supernatants Apply the 2 <sup>nd</sup> and the 3 <sup>rd</sup> coat <b>very thinly</b> .
Windows, doors:	Pre-sand gradually in accordance with the grading of the sandpaper grain, and up to 180. Apply the 1 <sup>st</sup> 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 <b>very thin</b> . 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). 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.
<b>Cleaning</b>	Clean with GLOUROS Cleaner No. 1806 at least once a year.
<b>Care</b>	Do after care with ALIS Decking Oil No. 579 when weathering or an extreme loss of gloss becomes visible.
<b>Important tips</b>	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.

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](http://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).