



## Technical Data Sheet

# AMELLOS Natural All-Weather Paint No. 674

<b>Application range</b>	For outdoor use on wood, e.g., half-timbered houses, block beams and planks, fences, and beehives (exterior surfaces). Also suitable for concrete walls. The product has limited use on windows, doors, and rough-sawn wood. Please refer to the information on page 2. The product is not suitable for floor surfaces.
<b>Technical qualities</b>	Very high yield. After 3 <sup>rd</sup> application semi-glossy and opaque. Free from organic-chemical compounds in accordance with DIN EN 71, part 9.
<b>Full declaration</b>	Depending on the color: Isoaliphates, linseed oil, linseed oil - stand oil, mineral pigments, titan dioxide (only in color 201, 115), linseed oil - stand oil - natural resin ester, linseed oil - wood oil - stand oil, mica, chalk, talcum, silicic acid, dehydrated castor oil, dehydrated amino sugar, soy lecithin, and drying agents free of lead (Zr, Mn).
<b>Colors</b>	013 carnauba yellow 051 persian red 081 burnt umbra 101 black 111 green 114 lime green 115 dove blue 201 white All colors are intermixable. Other colors can be achieved by mixing with VINDO Natural Gloss Paint No. 629 in any ratio, the gloss level will be enhanced.
<b>Application method</b>	By brush, roller, or spraying device (dilute with max. 10% SVALOS Thinner No. 222) at temperatures above 12°C (54°F).
<b>Coverage</b>	Determine exact coverage by doing a test application. One liter (1.06 quart) is sufficient for approximately 20 to 25 m <sup>2</sup> (215 to 269 ft <sup>2</sup> ), i.e. 44 ml/ m <sup>2</sup> per coat.
<b>Drying time</b>	At 23 °C (73 °F) and 50% relative humidity: subsequent coats can be applied after 24 hours. At lower temperatures and higher humidity up to 48 hours. At higher temperatures, please consider shorter drying times.
<b>Cleaning</b>	Clean tools immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
<b>Specific gravity</b>	Approximately 1,18 g/ml
<b>Safety advice</b>	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 AMELLOS Natural All-Weather Paint No. 674 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant 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.
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.05 l; 0.75 l; 2.5 l; 5 l; 30 l.
<b>Storage</b>	Cool and dry. Shelf life: unopened at least 4 years. Paints in opened containers react with oxygen. The less oil is still there, even more so. Residues should be transferred into smaller containers.

## How to use

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<b>Preparation</b>	<p>The wood must be planed or finely sanded and dry (wood moisture content below 15%). The substrate should be solid, absorbent, and free of grease and dust.</p> <p><b>Priming untreated wood:</b></p> <ul style="list-style-type: none"><li>• For softwoods susceptible to blue stain (e.g., pine, spruce), we recommend ADAO External Primer No. 259.</li><li>• For oak, we recommend LINUS Penetrating Oak Priming Oil No. 233.</li><li>• For very absorbent woods, we recommend LINUS Wood and Cotto Oil No. 260.</li><li>• For all other types of wood, we recommend DUBNO Priming Oil No. 261.</li></ul> <p><b>Priming concrete:</b></p> <p>Priming is carried out with LINUS Wood and Cotto Oil No. 260. This is done without forming a layer: the aim is to saturate the concrete pores without leaving a visible layer on the surface.</p>
<b>Application</b>	<p>Remove any skin that may have formed on the surface and stir thoroughly before use,</p> <ul style="list-style-type: none"><li>• Wood: Usually 3 thin coats.</li><li>• Concrete: Usually 2 thin coats.</li></ul> <p>Subsequent coats must be applied within 4 weeks after the first coat.</p>
<b>Renovation</b>	<p>Grey to black discoloration can be removed with GLOUROS Natural Siding and Masonry Cleaner No. 1806, using a brush or a high-pressure cleaner.</p> <p>Pore-clogged coatings (oil-based paints, lacquers, multi-layered coatings) must be sanded or stripped until there is no old residue. Black stained wood should be sanded gradually (in accordance with the grading of the sandpaper grain) up to 180 grain.</p> <p>Three applications with AMELLOS Natural All-Weather Paint No. 674.</p> <p>Wood painted with AMELLOS should be cleaned with GLOUROS Natural Siding and Masonry Cleaner No. 1806, then slightly sanded with 240 grain, de-dusted and tested regarding adhesion. Paint once or twice with AMELLOS All-Weather Paint.</p>
<b>Care</b>	<p>According to the need, but at least once a year cleaning with GLOUROS Natural Siding and Masonry Cleaner No. 1806 and maintaining with KALDET After-Care No. 276.</p>
<b>Important tips</b>	<p>AMELLOS Natural All-Weather Paint No. 674 contains little solvent; this may cause a skin formation. Remove skin before use.</p> <p>Do not paint surfaces primed with borate primers.</p> <p>When AMELLOS Natural All-Weather Paint has been used, subsequent coatings should also be done with AMELLOS Natural All-Weather Paint. Because of the high elasticity of AMELLOS, other paint tends to flake. AMELLOS Natural All-Weather Paint No. 674 does not contain fungicides, in case of rough sawn timber, there is a risk of fungal growth. Their appearance depends on the surface roughness, sun- and weather side, moisture content, and natural cover etc. Rough surfaces must be sanded.</p> <p>Possible fungi growth should be removed with GLOUROS Natural Siding and Masonry Cleaner N° 1806. Too high coating thickness will lead to wrinkles.</p> <p><b>In case of windows and doors:</b> The primer should be matched to the type of wood (see “Preparation”) and applied until the wood is saturated.</p> <p>Apply the Natural All-Weather Paint inside and outside with the same number of coats and in wafer-thin layers.</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](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 p.1).