

Technical Data Sheet (valid from batch # 80000)

## TUNNA Natural Floor Varnish-semi gloss No. 610

**new** quality

<b>Range of application</b>	In the interior, for transparent varnishing of wooden floors and furniture. Not suitable for cork floors.
<b>Technical qualities</b>	Satin gloss, transparent, slightly honey-colored. Color fastness when exposed to perspiration and saliva according to DIN 53 160. According to DIN EN 71, Part 3 suitable for toys. Free of organic chemical compounds according to DIN EN 71 part 9. Results in a dirt-repellent coating film, which has a limited resistance against water, chemicals, abrasion and scratches.
<b>Full declaration</b>	Isoaliphates, linseed oil - stand oil - natural resin ester, castor oil - natural resin ester, micronized wax, silicic acid, dehydrated amino sugar, orange oil and drying agents free of lead (Mn).
<b>Colors</b>	Clear to slightly yellow (color index approximately 8 according to Gardner).
<b>Dilution</b>	SVALOS Thinner No. 222.
<b>Application method</b>	Apply sparing coats (undiluted) using a brush or roller, or a spraying device (5 - 10 % SVALOS Thinner No. 222 or No. 293) at temperatures above 12°C (54°F). Ensure good light and ventilation during drying.
<b>Coverage</b>	First coat: 1 liter (undiluted) is sufficient for approximately 15-19 m <sup>2</sup> (161-204 ft <sup>2</sup> ), i.e. 59 ml/m <sup>2</sup> . Second coat: 1 liter (undiluted) is sufficient for approximately 15-28 m <sup>2</sup> (161-301 ft <sup>2</sup> ), i.e. 47 ml/m <sup>2</sup> . Determine exact coverage by applying a test coat. The total dried thickness of the coating may not exceed 50 µm.
<b>Cleaning up</b>	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO- Brush Cleaner No. 997.
<b>Drying time</b>	At 23°C (73°F) and 50 % relative humidity, approximately 24 – 48 hours. Please note longer drying times with lower temperatures and higher humidity. Fully hardened after 4 weeks. During this time treat surface gently.
<b>Specific gravity</b>	Approximately 0.86 g/ml.
<b>Safety advice</b>	<p>Always be sure to store cleaning cloths, sponges, etc. that are still wet or even slightly moist with TUNNA Natural Floor Varnish No. 610 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil in the product. The liquid or applied 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.  EUH208 Contains limonene (orange oil). May produce an allergic reaction.  Hotline for allergy sufferers: +49 (0)5825 / 8871.</p>
<b>Disposal</b>	According to locally regulated laws.
<b>Container sizes</b>	0.75 l; 5 l; 10 l; 30 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

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<b>Preparation</b>	Surface must be dry (moisture content below 15 %), finely sanded, solid, able to absorb, clean and free of grease and dust. Brush out and let dry resin-rich wood types with SVALOS Thinner No. 222 and exotic woods with KIROS Thinner No. 710. Stir thoroughly before use.
<b>Application</b>	<p>Prime with MELDOS Natural Resin Hardening Oil No. 264 for softwoods or ARDVOS Universal Wood Oil No. 266 for hardwoods. Remove excess oil after 15 – 20 minutes after each application.</p> <p>After drying time of 12 – 24 hours, intermediate sanding with a pad without grain (e.g. beige), for furniture with a pad equivalent to not less than 280 grain. Two sparing applications with TUNNA Natural Floor Varnish No. 610 by brushing or rolling, if necessary with intermediate sanding, when the surface is rough after the first application.</p> <p>For spray application dilute with 5% SVALOS Thinner No. 222.</p>
<b>Renovation</b>	Non-intact old coatings must be removed completely. Follow preparation and coating build-up for normal application as described above.
<b>Cleaning and Maintenance</b>	<p>The more the coating is taken care of in the first few days, the longer the lifetime. Clean only dry in the first three weeks and do not lay down any carpets yet. Place furniture and furnishings carefully.</p> <p>Cleaning: With a slightly moist cloth. TRENA pH-Neutral Cleaner No. 556 can be added to the wash water in the recommended dosage. Avoid using other soaps and cleaners on the treated surfaces.</p> <p>Maintenance: With DRYADEN Polish No. 560, whenever the surface looks matt.</p>
<b>Important information</b>	With too high moisture content of parquet or floorboards, shrinkage cracks and white spots in the varnish can appear. High layer thickness affects the appearance and drying of the coatings significantly.

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 retailer, wholesaler, or manufacturer.

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