

## Technical Data Sheet

# TUNNA-Natural Floor Varnish-Gloss No. 611

|                             |   |
|-----------------------------|---|
| <b>Range of application</b> | For interior use, for a transparent varnishing of all timber floors and furniture. Not to be used on cork.  |
| <b>Technical qualities</b>  | Glossy, transparent, slightly honey-toned. According to DIN 53 160 saliva and sweat resistant. According to DIN EN 71, part 3 suitable for toys. Results in a dirt-repellent, abrasion- and scratch-resistant paint film, with a limited resistance to water and chemicals.   |
| <b>Full declaration</b>     | Isoaliphates, Linseed oil - stand oil - natural resin ester, ricin oil - natural resin ester, micronized wax, silicic acid, orange oil, dehydrated amino sugar and drying agents free of lead (Ca, Co, Zr).   |
| <b>Color</b>                | Clear to slightly yellow (colour index approximately 8 according to Gardner).   |
| <b>Dilution</b>             | SVALOS Thinner No. 222.   |
| <b>Application method</b>   | Apply sparing coats of undiluted product using a brush or roller, or by spraying (5 - 10 % SVALOS Thinner No. 222 or No. 293) at temperatures above 12°C (53.6°F). Ensure good light and ventilation during drying.   |
| <b>Coverage</b>             | First coat: 1 undiluted litre is sufficient for approximately 15-19 m <sup>2</sup> (161-204 ft <sup>2</sup> ) i.e. 59ml/m <sup>2</sup> . Second coat: 1 undiluted litre 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 and 50% relative humidity, dry after 24-48 hours. Note shorter drying times at higher temperatures. Note longer dry times at lower temperatures and higher humidity. Fully hardened after 4 weeks. During this time treat surface carefully.  |
| <b>Specific gravity</b>     | Approximately 0.86 g/ml.  |
| <b>Safety advice</b>        | <p>Ensure good ventilation during and after application. Always be sure to store and to dispose of working material, such as cleaning cloths, polishing pads, sponges, etc. soaked with TUNNA Natural Floor Varnish- Gloss No. 611 in an airtight metal container or in water, as there is a danger of spontaneous combustion due to the plant oil contained in the product. The product alone will not undergo spontaneous combustion.</p> <p>P102                      Keep out of reach of children.<br/> P301+P310              IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.<br/> EUH208                    Contains limonene (orange oil), Cobalt (2+) salts. Can cause allergic reactions.</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. Varnishes in partially used containers react with oxygen. The less paint remains, the stronger the reaction. Remains need to be transferred to smaller containers.   |
|                             | Application Instructions on reverse   |

## Processing information

# TUNNA Natural Floor Varnish-Gloss No. 611

|                                 |  |
|---------------------------------|--|
| <b>Preparation</b>              | Surface must be dry (moisture content of the wood under 15%), finely ground, solid, absorbent, clean and free of grease and dust.<br>Brush and let dry resin-rich wood with SVALOS Thinner No. 222, exotic woods with KIROS Thinner No. 710. Stir well before use.   |
| <b>Application</b>              | Prime with MELDOS - Natural Resin Hardening Oil No. 264 for coniferous woods or with ARDVOS – Universal Wood Oil No. 266 for deciduous woods. Remove excess oil after 15-20 minutes. Sand in between after a drying time of 12-24 hours with a pad without grain. In the case of furniture, sand with a pad (fleece) with a grain size of at least 280.<br><br>Apply two sparing coats of TUNNA Natural Floor Varnish gloss No. 611 undiluted by brush or roller. Maybe sand if the surface is still rough after one coat. For spray application dilute with 5% SVALOS Thinner No. 222.              |
| <b>Renovation</b>               | Non-intact old coatings must be completely removed. Follow preparation and coating application as above.   |
| <b>Cleaning and maintenance</b> | The more carefully the varnished surface is treated in the first days after product application, the more durable the coating. During the first 3 weeks only clean it dry and do not lay out carpets. Place furniture and other household articles carefully on the treated surface.<br><br>Clean with a slightly moist cloth. TRENA pH-Neutral Cleaner No. 556 can be added to the wash water in the recommended amounts. Avoid using other soaps and cleaners on the treated surfaces. Maintenance of the treated surface with DRYADEN Polish No. 560, always when the surface appears to be matt. |
| <b>Important information</b>    | When moisture content of parquet or floor boards is too high, shrinkage cracks and white spots in the varnish can appear. Applying the product too thickly affects the appearance and the drying of the paint greatly.   |

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.

February 2016