



Technical Data Sheet

ADAO External Primer No. 259

Application range	For all exterior timber that is absorbent, untreated, and prone to blue-staining fungi.
Technical qualities	Deeply penetrating. Slightly honey coloring. German Industrial Norm DIN EN 71 part 3 certified as suitable for toys. The efficiency against blue-staining fungi has been tested and certified by the Material Testing Office of the federal state Brandenburg in a laboratory and open field trial, following the German Industrial Norm (DIN) EN 152 part 1, as well as according to the classification and regulations of RAL GZ 830. The product is not harmful as long as it is used for its intended purpose.
Full declaration	Linseed oil, isoaliphates, herbal extracts, and drying agents free of lead (Co, Mn, Zr).
Color	Pale yellow (Gardner color index: approximately 4 - 5).
Dilution	With SVALOS Thinner No. 222.
Application method	By painting, dipping or spraying (nozzle size: 0.7 – 1.0 mm, spray pressure: 3 bar) at temperatures above 12°C (54°F) and dry weather conditions. Test application.
Coverage	Determine the exact amount needed by doing a test application! 1 liter (1.06 quart) is sufficient for approximately 15 m ² (161 ft ²), i.e. 70 ml/m ² . Could be considerably less depending upon the condition and absorbency of the surface. For spraying add max. 5 – 10 % of SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293. For dipping adjust with max. 10 – 20 % of SVALOS Thinner No. 222 or SVALOS Spray Thinner No. 293.
Cleaning	Clean equipment immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Drying time	At 23 °C (73 °F) and 50 % relative humidity, approximately 48 hours. At higher temperatures, please consider shorter drying times and remove unabsorbed oil more quickly. At lower temperatures and higher humidity, please consider longer drying times as given above.
Specific gravity	Approximately 0.84 g/ml.
Safety advice	<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 ADAO External Primer No. 259 in an airtight metal container or in water, as there is a danger of spontaneous combustion caused by the plant oil content. 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 Cobalt (2+) salts. Can cause allergic reactions.</p>
Disposal	According to locally regulated laws.
Container sizes	0.05 l; 0.75 l; 2.5 l; 5 l; 10 l; 30 l; 200 l.
Storage	Cool and dry. Shelf life: unopened at least 3 years. Close lid tightly after use.

How to use

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- Preparation** Surface must be dry (wood moisture content under 15%), solid, absorbent, clean, and free of dust.
- Application** Apply generously in order to guarantee an even saturation and deep penetration. In case of extremely absorbent surfaces (e.g. crosscut wood), apply the second coat after 24 hours. Approximately 20-30 minutes after each application, remove unabsorbed product with a dry brush or a lint-free cloth. Pay attention to the application quantity in order to guarantee a sufficiently protecting coat.
ADAO External Primer No. 259 may not form a layer on the wood, otherwise it should be slightly sanded after drying.
After-treatment with stains and varnishes from LIVOS has to be done in the following 2 – 3 weeks.
- Renovation coat** **Preparation:**
In the exterior, only completely weather-beaten wood (i.e. if the raw wood is visible after slightly sanding) needs to be primed.
Pore-clogging coatings (oil-based paints, lacquers, varnishes, multi-layered coatings) must be sanded or stripped until there is no old residue.
Application:
Follow the application instructions for untreated surfaces.
- Important tips** Seams of new windows should be treated with a single, very thin coat of KALDET All Weather Stain No. 281 (without ADAO External Primer No. 259). Silicone sealant should be applied only after complete drying and should not be painted over with ADAO External Primer No. 259 or with any other LIVOS product.

Oak should be primed with LINUS Penetrating Oak Priming Oil No. 233.

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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