

ADAO External Primer No. 259



Application range	Exterior: primer for absorbent, untreated softwoods before a LIVOS stain or paint. Especially for woods rich in sapwood: pine, spruce, larch and Douglas fir. Their pale sapwood takes up water fastest and therefore needs the most careful priming. Not suitable for: hardwoods – prime oak with LINUS Penetrating Oak Priming Oil No. 233, other hardwoods with DUBNO Priming Oil No. 261.
Technical qualities	Penetrates deep into the wood and saturates the absorbent sapwood in particular. Evens out the absorbency – the following coat therefore takes more evenly and lasts longer. Slightly honey-toned. Fully declared – including the substances that need not be named.
Full declaration	Linseed oil, isoaliphates, herbal extracts, drying agents (Mn, Zr).
Colour	Pale yellowish (colour number approx. 4-5 Gardner).
Dilution	Ready to use. For spraying add 5-10 %, for dipping 10-20 % SVALOS Thinner No. 222 or No. 292 (without orange oil).
Application method	Remove any skin that may have formed, stir well, apply a test area. Apply generously by brushing, dipping or spraying (nozzle 0.7-1.0 mm, 3 bar). Apply above 12 °C and in dry weather. Further information on page 2.
Coverage	70 ml/m ² , i.e. 1 l is sufficient for approx. 15 m ² – considerably more on less absorbent wood.
Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or No. 292.
Drying time	At 23 °C and 50 % relative humidity 48 hours. Warmth shortens the time – then remove the excess earlier; cold and high humidity lengthen it.
Specific gravity	approx. 0.84 g/ml.
Notes	Risk of spontaneous combustion from oil-soaked materials Cleaning cloths, polishing pads, sponges and sanding dust soaked with oil heat up as they dry; crumpled together, the heat builds up and can cause a fire. Therefore do not leave them unattended after use: immerse them in water and dispose of them wet, lay them out singly to dry through, or collect them in a closed metal container – soak the contents before emptying it. The product itself is not self-igniting – neither liquid nor applied. Ensure good ventilation during and after application.
Hazard statements  Danger	H304 May be fatal if swallowed and enters airways. EUH066 Repeated exposure may cause skin dryness or cracking. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor. P331 Do NOT induce vomiting. P405 Store locked up. P501 Dispose of contents/container to an approved waste disposal plant.
Disposal	According to local regulations. Dried residues: household waste.
Container sizes	0.1 l; 0.25 l; 0.75 l; 2.5 l; 5 l; 10 l.
Storage	Cool and dry. Unopened shelf life at least 3 years. Transfer residues into smaller containers.

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Substrate	The wood must be dry, sound, absorbent and free from dust. Wood moisture: below 15 %.
Coating system	The primer must not form a film – it should sit in the wood, not on it. 1. Apply generously until the pores are saturated. After 20–30 minutes remove the oil that has not penetrated with a dry brush or a lint-free cloth. 2. On very absorbent wood – end grain, for instance – apply a second coat after 24 hours, again removing the excess. If a glossy film remains, sand it down once dry. Applied too sparingly, the impregnation does not reach into the depth.
Subsequent treatment	Overcoat with a finishing product within 2–3 weeks: KALDET All-weather Stain No. 281, AMELLOS Natural All-weather Paint No. 674, AMELLOS Wood Oil Paint No. 682 or VINDO Natural Gloss Paint No. 629. The primer alone is not a weather protection.
Renovation	Prime only where bare wood appears after sanding. Pore-sealing old coatings such as oil paints, lacquers, high-build systems and waxes: sand or strip them off completely, then work as on bare wood.
Notes	Sapwood Sapwood is the pale outer zone of the trunk. It is more absorbent than heartwood, takes up water faster and weathers sooner. The higher its share, the more important a generous primer coat and a prompt finishing coat are. Wood quality For exterior use prefer slowly grown wood with little sapwood; the weather resistance of one and the same species varies considerably with its origin. Glazing rebate Prime only once and do not overcoat. Apply silicone only once the coating has dried completely – it cannot be overcoated with LIVOS products. Beadings If the primer beads off or bubbles form, the substrate has been pre-treated incompatibly or sanded too smooth – sand more coarsely.

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 LIVOS customer service (see p. 1).

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