

KALDET Transparent Wood Stain

No. 270-002



Application range	Interior: clear thin-layer stain for wood surfaces not subject to mechanical stress – panelling, ceilings, veneers, multiplex boards and cabinet interiors. Not suitable for: walking surfaces.
Technical qualities	Impregnates the wood fibres and cures within them – water-repellent from the inside out. Minimal film formation – the wood still feels like wood, not like lacquer. No plastic binders – bound with linseed oil and natural resin ester. Free from nanoparticles. Fully declared – all ingredients are named on the label.
Full declaration	Linseed-oil stand-oil natural resin ester, linseed oil, chalk, linseed stand oil, linseed-wood-oil stand oil, silicic acid, micronised wax, isaliphates, drying agents (Mn, Zr, Ca).
Colour	002 Clear. Pigmented colours: see data sheet KALDET Transparent Wood Stain No. 270.
Dilution	With 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. Brushing: undiluted. Spraying: diluted 5–10 %. Dipping: diluted up to 20 %. Apply at temperatures above 12 °C. Further information on page 2.
Coverage	44 ml/m² per coat, i.e. 1 l is sufficient for 15–30 m², on average approx. 23 m².
Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Drying time	At 23 °C and 50 % relative humidity 12–24 hours; recoatable after about 24 hours. Warmth, light and good ventilation shorten the drying time.
Specific gravity	approx. 0.82 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	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 a suitable recycling or waste disposal facility.
 Danger	
Disposal	According to local regulations.
Container sizes	0.1 l; 0.375 l; 0.75 l; 2.5 l; 10 l; 30 l.
Storage	Cool and dry. Unopened shelf life at least 4 years. Opened containers react with atmospheric oxygen – transfer residues into smaller vessels.

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Substrate	Wood must be dry, sound, absorbent, clean and free from resin and dust. Wood moisture: coniferous and tropical hardwoods at most 15 %, native hardwoods at most 12 %. Pre-sand finely up to 180 grit.
Priming	Prime with DUBNO Priming Oil No. 261. Cabinet interiors: do not prime.
Coating system	Depending on the application and the protection required 1–3 coats. 1. Apply generously, re-brush after 5–15 minutes and remove the excess oil after 20 minutes at the latest with a lint-free cotton cloth. 2. Apply very sparingly. 3. As the second coat.
Multiplex, veneer and glued laminated timber	Depending on the stress 1–2 sparing coats; do not prime.
Cleaning and care	TRENA pH-neutral Cleaner No. 556 is suitable for routine cleaning. Use the concentrate diluted only: add at most 10 ml (1 tablespoon) to 10 l of water, then wipe damp, not wet. If the surface looks matt, apply one sparing coat of KALDET Transparent Wood Stain No. 270-002. Existing damage may then stand out more clearly.
Notes	Skin formation A skin may form on the surface of an opened container – the oil cross-links with atmospheric oxygen. Remove the skin, the rest remains fully usable. The less air above the residue, the less often it occurs. Grain enhancement The clear coat deepens the natural tone of the wood; the surface then looks somewhat darker and warmer than bare wood. Beading If the stain beads off or bubbles form, the substrate has been pre-treated incompatibly or sanded too smooth. Coarser sanding can help.

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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