

Transparent Wood Stain KALDET 270

Range of application	Interior and exterior wood surfaces. Suitable for OSB and MDF-boards. Not suitable for balcony floors or other high-traffic areas.
Technical qualities	Decorative, open-pored, water resistant. Sufficiently pigmented products are also weather resistant. Permeable to water vapor. Accentuates natural wood grain. German Industrial Norm (DIN) 53 160 certified for color fastness when exposed to perspiration and saliva. DIN EN 71 Part 3 certified as suitable for toys. Does not contain protection against blue-staining fungi.
Full declaration	Linseed oil - stand oil - natural resin ester, linseed oil, iron oxide and mineral pigments, linseed oil - stand oil, linseed oil – wood oil - stand oil, micronized wax, orange oil, Isoaliphates, alumina, drying agents free of lead.
Colors	Interior and Exterior: 022 boxwood 032 pine 042 dark teak 052 brazil 062 walnut 076 oak 082 rosewood 102 ebony 113 green 122 ultramarine blue 124 country blue 212 light grey Interior only: 002 clear 202 white All colors are inter-mixable. For exterior surfaces, mix together only those colors suitable for exterior use.

Colour chart:

Please note, the on screen colour representations are not necessarily precise representations of the actual paint colour, because of variance in monitor.

clear (270-002)



boxwood (270-022)



pine (270-032)



dark teak (270-042)



brazil (270-052)



walnut (270-062)



oak (270-076)



rosewood (270-082)



ebony (270-102)



green (270-113)



ultramarine blue (270-122)



country blue (270-124)



white (270-202)



light grey (270-212)



Dilution	SVALOS Dilutant No. 222
Application method	Brush (undiluted), spray (5 to 10% dilution) or dip (up to 20% dilution) at temperatures over 12oC (54oF) and in dry weather conditions.
Coverage	1 undiluted liter (1,06 fl. quart.) covers approximately 15 to 30 m ² (161 to 323 ft ²). Could be considerably less depending on surface condition and absorbency. Test coat recommended
Drying time	At 23 °C (73°F) and 50 % relative humidity 12 -24 hrs. Subsequent coats can be applied after approximately 24 hours. Avoid drying delays by providing good light and ventilation conditions.
Cleaning up	Clean equipment immediately after use with LEVO Brush Cleaner No. 994.
Specific gravity	Approximately 0.90 g/ml depending upon the color.
Safety advice	Always be sure to store cloth, sponges, etc. that are still wet or even slightly moist with KALDET Transparent Wood Stain No. 270 in an airtight metal container or in water, as there is a danger of combustion caused by linseed oil content. The product alone will not undergo spontaneous combustion. Contains limonene. S 2 Keep out of the reach of children S 62 If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label
Container sizes	0.375 l; 0.75 l; 2.5 l; 10 l; 30 l; 210 l (7 x 30 l).
Disposal	According to locally regulated laws.
Storage	Cool and dry, please see label for expiration date. Close lid tightly when not in use.

How to use	KALDET 270 Transparent Wood Stain
Wood	<p>Preparation: Surface must be dry (moisture content under 15 %), solid, able to absorb, clean and free of resin and dust. For windows and other dimensionally stable woods, the moisture content for coniferous woods and tropical deciduous woods should be below 15% and not exceed 12 % in native deciduous woods. Pre-treat resin rich woods by brushing with SVALOS Dilutant No. 222 and exotic woods with KIROS Dilutant No. 710, then rub dry. Interior application: Priming with DUBNO Priming Oil No. 261, all excess oil is to be removed at the latest after 20 minutes. In-between sanding after drying. Thereafter, depending on the area covered and the degree of protection needed , 1-3 applications. It is recommended to re-brush the surface 5 to 15 minutes after each application. Please, pay attention to the drying times! Exterior application Depending on the absorbency of the wood, a thin or generous application of ADAO Natural Oil Primer No. 259. Unabsorbed oil is to be removed after 20 minutes. Sand before proceeding. Apply three sparing coats of KALDET No. 270 within the space of four weeks. Please, pay attention to the drying times!</p>
OSB	<p>For preparation follow "Wood" application. Interior application: 1 coat KALDET Transparent Wood Stain No. 270 and 3 coats KUNOS Natural Oil Sealer No. 244.</p>
Multiplex	<p>Surface must be dry, solid, absorbent, clean and free of dust. Sand surface (180-grain). Depending on surface requirements, apply 2 - 3 coats of KALDET Transparent Wood Stain No. 270 sparingly. Also possible: 2 coats KALDET Transparent Wood Stain No. 270 and 1 coat DRYADEN Polish No. 571.</p>
Renovating porous surfaces	<p>Rough sawn surfaces can retain dust and dirt particles out of the environment, making it possible for fungi to grow if the right climate conditions exist. The grey to black discoloration can be removed with GLOUROS Cleaner No. 1806 and a brush or high pressure cleaner. Clean old paint coatings and sand. Subsequent treatment like first coatings. Timely re-staining requires only an intermediary and/or final coat, while overdue re-staining requires a complete repetition of the application instructions. Strongly weathered surfaces require at least 2 - 3 coatings. Depending upon weather resistance, type of wood, and color chosen, maximum re-staining time will vary. Wood that comes into contact with water should be re-stained regularly.</p>
Renovating non-porous surfaces non-porous surfaces	<p>Pore-clogging coatings (oil-based paints, lacquers, varnishes, wax coats) must be sanded or stripped to completely remove residue. Surface must be dry, solid, absorbent, neutral, clean and free of dust. Follow "Wood" instructions and then watch drying carefully for potential absorbency problems.</p>
Important tips	<p>Stir thoroughly before using. Test coat recommended. When purchasing more than one container of paint, be sure that all containers have the same batch number. Remove possible skin off product. Ensure proper ventilation during application and drying. With oak or other woods containing incompatibilities such as tannic acid or dyes, or with sanded, stripped, pre-treated, or stained wood surfaces, discoloration is possible within one week. KALDET Transparent Wood Stain No. 270 does not contain fungicides. Rough sawn wood is prone to blue-staining fungi, sand rough surfaces. Treat wood prone to blue-staining fungi and back aired panelling with ADAO Impregnation No. 259. Seams of new windows should be treated with a very thin coat of KALDET No. 270. Silicone sealant should be applied only after complete drying, but should not be painted over with KALDET No. 270. Linseed oil based putty can be painted over after one day. In interior areas, the use of wax over a colored stain can cause the color to lighten slightly due to pigment rub-off. Strong possibility of yellowing for colors white and light grey in low light conditions. Do NOT paint over the colors white or light grey with KALDET Transparent Wood Stir thoroughly before using. Test coat recommended. When purchasing more than one container of paint, be sure</p>

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LIVOS products contain organically sourced ingredients and are never tested on animals. 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. 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.