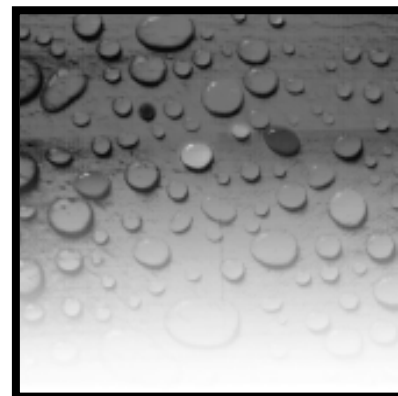


Technical Data Sheet

KALDET Transparent Wood Stain No. 270

Decorative, transparent interior stain.

Darker tones are UV resistant for exterior surfaces.



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, water resistant. Sufficiently pigmented products (see Colours) are also weather resistant. Gas permeable. Accentuates natural wood grain. German Industrial Norm (DIN) 53160 certified for colour 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 - stand oil - natural resin ester, linseed oil, iron oxide and mineral pigments, linseed - stand oil, linseed – wood - stand oil, micronized wax, orange oil, isoaliphate, alumina, lead free drying agents

Colours	<u>Interior and Exterior:</u>			<u>Interior only:</u>
	022 boxwood	062 walnut	113 green	002 clear
032 pine	076 oak	122 ultramarine blue	012 spruce	
042 dark teak	082 rosewood	124 country blue	202 white	
052 brazil	102 ebony	212 light grey		

All colours are intermixable. For exterior surfaces, mix together only those colours suitable for exterior use.

Dilution SVALOS Thinner No. 222

Application method Brush (undiluted), spray (5 to 10% dilution) or dip (up to 20% dilution) at temperatures over 12°C (54°F) and in dry weather conditions.

Coverage 1 undiluted liter (1,06 fl. quart.) covers approximately 15 to 30 m² (161 to 323 ft²). 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 colour

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.

S 2 Keep out of the reach of children

S 62 If swallowed, do not induce vomiting: Seek medical assistance immediately and show this 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.

See reverse for Application Instructions

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Plantchemistry with the longest experience world-wide

Manufactured by LIVOS Pflanzenchemie GmbH + Co. KG, D-29568 Wieren, Germany

How to use

KALDET Transparent Wood Stain No. 270

Decorative, transparent interior stain.

Darker tones are UV resistant for exterior surfaces.

Wood	Preparation: Surface must be dry (moisture content under 15 %), solid, able to absorb, clean and free of dust. For windows and other dimensionally stable woods, moisture content for coniferous (pine) and tropical hardwoods should be no higher than 15% for indigenous hardwoods, no higher than 15 % Pre-treat resin-rich woods by brushing with SVALOS Thinner No. 222 and tropical woods with KIROS Thinner 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 rebrush the surface 5 to 15 minutes after each application.
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!
OSB	For preparation follow "Wood" application.
Interior application	1 coat KALDET Transparent Wood Stain No. 270 and 3 coats ARDVOS Wood Oil No. 266 or KUNOS Natural Oil Sealer No. 244.
Multiplex	Surface must be dry, solid, absorbent, clean and free of dust. Sand surface (180-grain). Apply sparingly 3 coats of KALDET Transparent Wood Stain No. 270. Also possible: 2 coats KALDET Transparent Wood Stain No. 270 and 1 coat DRYADEN Polish No. 571.
Renovating porous surfaces	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 gray to black discolourations can be removed with GLOUOUS Stone Cleaner Nr.1806 and a brush or high pressure cleaner. Clean old paint coatings and sand. Subsequent treatment like first coatings. Timely restaining requires only an intermediary and/or final coat, while overdue restaining requires a complete repetition of the application instructions. Strongly weathered surfaces require at least 3-4 coatings. Depending upon weather resistance, type of wood, and colour chosen, maximum re-staining time will vary. Wood that comes into contact with water should be re-stained regularly.
Renovating non-porous surfaces	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.
Important tips	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, discolouration 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 sealants 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 coloured stain can cause the colour to lighten slightly due to pigment rub-off. Strong possibility of yellowing for colours white and light grey in low light conditions. Do NOT paint over KALDET white No. 270-202 with KALDET clear No. 270-002 or MELDOS Natural Resin Hardening Oil No. 264 (or any other clear LIVOS oil), as surface may yellow.

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.



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