

## All Weather Stain KALDET 281

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| <b>Range of application</b> | For all exterior timber. On the interior, use for timber windows only. Not suitable for walking areas such as balcony floors.  |
| <b>Technical qualities</b>  | Water repellent, open-pored, weather-resistant and permeable to water vapor. Accentuates the natural wood grain. Certified for color fastness when exposed to perspiration and saliva, according to Industrial Standards for the manufacture of paints DIN 53 160. DIN EN 71 Part 3 certified as suitable for toys. This product contains no preventative against blue-staining fungi. |
| <b>Full declaration</b>     | Linseed oil - stand oil – natural resin ester, linseed oil, iron oxide and mineral pigments, linseed oil-stand oil, linseed oil - wood oil - stand oil, wood oil, zinc oxide, micronized wax, Isoaliphates, silicic acid, drying agents free of lead.  |
| <b>Colors</b>               | 022 boxwood 032 pine 042 dark teak 052 brazil<br>054 mahogany 062 walnut 076 oak 082 rosewood<br>102 ebony 113 green 122 ultramarine blue 124 country blue<br>212 light grey   |

### Color representation

Color deviations might occur due to the version and resolution of your computer.

Boxwood (281-022)



Pine (281-032)



Dark teak (281-042)



Brazil (281-052)



Mahogany (281-054)



Walnut (281-062)



Oak (281-076)



Rosewood (281-082)



Ebony (281-102)



Green (281-113)



Ultramarine blue (281-122)



Country blue (281-124)



Light grey (281-212)



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| <b>Dilution</b>           | SVALOS Dilutant No. 222.  |
| <b>Application method</b> | Brush (undiluted), spray, or dip (up to 20 % dilution) at temperatures over 12°C (54°F) and dry weather conditions.   |
| <b>Coverage</b>           | 1 undiluted liter (1.06 fl. quart.) covers approximately 15 to 30 m <sup>2</sup> (161 to 323 ft <sup>2</sup> ), i.e. 44ml/m <sup>2</sup> . Could be considerably less depending on surface conditions and absorbency. A test coat is recommended.   |
| <b>Drying time</b>        | At 23° C (73°F) and 50 % relative humidity 12-24 hrs. After 24 hours further coats may be applied. Avoid drying delays by providing good light and ventilation.   |
| <b>Cleaning</b>           | Clean equipment immediately after use with LEVO Brush Cleaner No. 994.  |
| <b>Specific gravity</b>   | Approximately 0.90 g/ml depending upon the color.   |
| <b>Safety advice</b>      | Always be sure to store cleaning cloth, polishing pads, sponges, etc. that are still wet or even slightly moist with KALDET No. 281 in an airtight container or in water and dispose, as there is a danger of combustion caused by linseed oil in the product.<br>The product alone will not undergo spontaneous combustion.<br>R43 May cause sensitisation by skin contact.<br>S 2 Keep out of reach of children<br>S 62 If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label |
| <b>Container size</b>     | 0.375 l; 0.75 l; 2.5 l; 10 l; 30 l; 210 l (7 x 30 l).   |
| <b>Disposal</b>           | According to locally regulated laws.  |

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| <b>Storage</b>                        | Cool and dry, please see label for expiration date. Close lid tightly when not in use.  |
| <b>How to use</b>                     | <b>KALDET 281 - All Weather Stain</b>   |
| <b>Wood</b>                           | The surface must be dry ( moisture content under 15 % ), solid, able to absorb and free of resin and dust. For windows and other dimensionally stable timbers, moisture content for coniferous wood or deciduous tropical wood 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.   |
| <b>Application</b>                    | 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 two sparing coats of KALDET All Weather Stain No. 281 within the space of four weeks. A third coat should be applied to weather exposed areas. The second application should have the final coat appearance, “runs” indicate that the application was too heavy. After 10 – 30 minutes, smooth the painted surface with a brush in the direction of the wood grain. Please, pay attention to the drying times!  |
| <b>Renovating porous coatings</b>     | Clean and sand old coating surface. Follow coating format for first coat. Timely re- varnishing requires only an intermediary and/or final coat, while overdue re-glazing requires a complete repetition of the coating format. Always apply at least 2 - 3 coat to weather exposed areas. The degree of exposure to weather, the kind of wood used and the choice of color will influence the time spans for renovation treatment. Re-do parts like those exposed to water regularly.  |
| <b>Renovating non-porous coatings</b> | 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.  |
| <b>Important tips</b>                 | Stir thoroughly before using. Always pre-test. When purchasing more than one container of colored wood stain, be sure all containers have the same batch number. Skim off eventual film before using. 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. After priming, seams of new windows should be treated only once with a very thin coat of KALDET All Weather Stain No. 281. Silicone sealant should be applied only after complete drying and should not be painted over with KALDET All Weather Stain No.281. Linseed- oil based putty can be painted over after one day. When mixing different colors of KALDET, always apply a test coat as some blends may experience pigment separation. |

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.