

DONNOS Penetrating Fence Stain

No. 223



Application range	Exterior: solid wood – fences, playground equipment, half-timbering, barns, animal housing as well as cold frames and planters.
Technical qualities	Twofold protection: the oil penetrates the fibres and impregnates them; above this a weatherproof protective layer builds up with every coat. Water-repellent and weather-resistant after the 3rd coat. Can also be used on rough-sawn and coarsely textured wood – see page 2 for details. Fully declared – including the substances that need not be named.
Full declaration	Depending on colour: isoaliphates, linseed-oil stand-oil natural resin ester, linseed oil, linseed stand oil, linseed-wood-oil stand oil, mineral pigments, titanium dioxide (only in 087 Oak clear), chalk, castor stand oil, micronised wax, silicic acid, dehydrated amino sugar, drying agents (Ca, Mn, Zr).
Colours	041 English red · 051 Persian red · 062 Walnut · 068 Light teak · 087 Oak clear · 100 Dark brown · 101 Black · 109 Green. Colour 103 Dark brown (remaining stock, reduced price): separate data sheet, for professional users only.
Thinning	Supplied ready to use.
Application method	Stir well, apply a test area. By brushing or spraying at temperatures above 15 °C and in dry weather. Further information on page 2.
Coverage	80 ml/m ² per coat, i.e. 1 l is sufficient for 10–15 m ² , on average approx. 13 m ² .
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 the first coat can be recoated after about 24 hours, further coats after 24–48 hours. Warmth shortens the drying time.
Specific gravity	0.84–0.98 g/ml, depending on the colour.
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.
Safety advice	The product is not classified as hazardous under the CLP Regulation. Keep out of the reach of children and never decant into food containers. If swallowed, do not induce vomiting but seek medical advice.
Disposal	According to local regulations. Dried residues: household waste.
Container sizes	0.05 l; 0.75 l; 2.5 l; 5 l; 10 l; 30 l.
Storage	Cool and dry. Unopened shelf life at least 4 years. Close opened containers tightly; transfer residues into smaller vessels.

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Substrate	Wood must be dry, sound, absorbent, clean and free from dust. Wood moisture: below 15 %.
Coating system	Stir well before use. 3 coats with a drying time of 24 to 48 hours each, within 4 weeks.
Renovation of open-pored glaze coatings	Clean old coatings and sand them lightly if necessary. If renovated in good time, an intermediate and/or final coat is sufficient, otherwise proceed as described under "Coating system".
Renovation of non-open-pored old coatings	Remove pore-sealing old coatings – oil paints, high-build systems – completely by sanding or stripping. The substrate must again be fully sound, absorbent, clean and free from dust; then apply 3 coats.
Cleaning	On exterior surfaces, dust and dirt particles from the ambient air adhere easily and, under particular climatic conditions, allow fungi to settle. Remove the grey to blackish film with GLOUROS Natural Siding & Masonry Cleaner No. 1806 and a brush or sponge at light pressure – alternatively with a high-pressure cleaner at the lowest pressure setting and at some distance.
Notes	Temperature Above 20 °C DONNOS may not dry free of lap marks – work quickly. Below 15 °C, in rainy or very foggy weather and when night frost is expected, delayed drying and poor adhesion are possible. Fungal growth The product contains no fungicides. On rough-sawn wood there is a risk of fungal growth – finer sanding prevents it. Prime wood species susceptible to blue stain and rear-ventilated claddings with ADAO Impregnating Primer No. 259. Occurrence depends on roughness, orientation, weather side, moisture and density of surrounding vegetation; remove fungal growth regularly. Old coatings On existing coatings, check adhesion by means of a test application. Spraying After 30 minutes, brush over with a brush or a cloth pad. Beading If the oil 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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