

Technical Data Sheet

DONNOS Penetrating Fence Stain 223-103

For professional users only. Not to be supplied to the general public.

Application range	Coating for solid wood outdoors, e.g. fences, half-timbering, barns.
Technical qualities	Water repellent and weather resistant after the 3rd coat.
Full declaration	Isoaliphates, linseed oil - stand oil - natural resin ester, linseed oil, linseed oil - stand oil, linseed oil - tung oil - stand oil, mineral pigments, chalk, castor stand oil, micronised wax, silica, orange oil, dehydrated amino sugar, drying agents (Co, Ca, Zr, Mn).
Colors	103 dark brown.
Thinning	Supplied ready to use.
Application method	By brushing or dipping at temperatures above 15 °C and in dry weather. At higher temperatures note the shorter drying times. Further information: see reverse.
Coverage	1 l undiluted covers approx. 10 - 15 m ² , i.e. 80 ml/m ² per coat. Depending on the absorbency and surface condition of the substrate, coverage may be considerably higher. Test application!
Drying time	At 23 °C and 50 % relative humidity the first coat can be recoated after approx. 24 hours, further coats after 24 - 48 hours.
Cleaning	Clean tools immediately after use with SVALOS Thinner No. 222 or LEVO Brush Cleaner No. 997.
Specific gravity	approx. 0.87 g/ml (at 20 °C).
Safety advice	Ensure good ventilation during and after application. Working materials soaked with DONNOS Penetrating Fence Stain 223-103 such as cleaning cloths, polishing pads, sponges, sanding dust etc. carrying wood stain that has not fully dried must be kept airtight in metal containers or under water until disposal, otherwise there is a risk of spontaneous combustion due to the vegetable oil content. The liquid and the applied product are not liable to spontaneous combustion. H317 May cause an allergic skin reaction. H360FD May damage fertility. May damage the unborn child. EUH066 Repeated exposure may cause skin dryness or cracking. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves, protective clothing and eye protection. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P308+P313 If exposed or concerned: Get medical advice/attention. P405 Store locked up. P501 Dispose of contents/container to a suitable recycling or waste disposal facility. Emergency no.: +49 (0)6132-84463 (24 h - GBK GmbH)
Disposal	According to local regulations. Liquid product residues and containers that have not been completely emptied are hazardous waste (EWC code 08 01 11*) and must be disposed of through an authorised waste management contractor. Completely emptied containers can be sent for recycling.
Container sizes	0.05 l; 0.75 l; 2.5 l; 5 l; 10 l; 30 l.
Storage	Cool, dry. Shelf life at least 4 years unopened. Close opened containers tightly.



Danger

Processing Instructions

DONNOS Penetrating Fence Stain 223-103

Untreated wood

Preparation

The substrate must be dry (wood moisture below 15 %), sound, absorbent, clean and free of dust.

Application

Stir DONNOS No. 223-103 well.

3 coats with a drying time of 24 to 48 hours each, within 4 weeks.

Renovation of open-pored glaze coatings

Clean old glaze coatings and sand lightly if necessary. If renovated in good time, only an intermediate and/or final coat is required, otherwise proceed as described under "Application".

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 of dust. 3 coats (see "Application").

Cleaning

On surfaces exposed to the weather, dust and dirt particles from the ambient air can easily adhere 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/sponge (light pressure) or a high-pressure cleaner (lowest pressure setting and at some distance).

Safety advice

At temperatures above 20 °C DONNOS may not dry without lap marks; work quickly. At temperatures below 15 °C, in rainy or very foggy weather or when night frost is expected, delayed drying and poor adhesion are possible.

DONNOS No. 223-103 contains no fungicides; on rough-sawn wood there is a risk of fungal growth – prevent this by finer sanding. Prime wood species susceptible to blue stain as well as rear-ventilated claddings with ADAO Impregnating Primer No. 259. Occurrence depends on surface roughness, orientation, weather side, moisture, density of surrounding vegetation etc. Any fungal growth that forms should be removed regularly.

On existing coatings, check adhesion by means of a test application.

After dipping, brush over with a brush or similar after 30 minutes.

The colour can be modified by mixing with other shades of DONNOS Penetrating Fence Stain No. 223.

If the oil beads up or bubbles form during application, there is an incompatibility caused by a previous treatment, or the surface has been sanded too smooth. Coarser sanding may remedy this.

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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