

■ General information

The easiest and most cost-effective way to sustainably preserve softwood outdoors is 'silvering', a natural leaching process caused by the sun and rain, whereby the wood remains uncoated. The soft hygroscopic wood components (wood sugar, proteins, starch and lignin) are washed out, leaving the tough weather-resistant components in the wood. This removes sources of food for fungi, algae and insects.

The speed of the silvering process directly depends on weather conditions. Surfaces that are exposed to sun and rain often silver after 1-2 years. Surfaces protected from the elements will need many years longer. Wood that is subject to virtually no sunlight and rain sometimes retains its original colour for decades. This gives a characteristic vivid patina, which gives each side of the home a different look over time.

Kreidezeit Coniferous Wood Leach is a cost-effective, traditional and biocide-free surface treatment for softwood, especially outdoors. It accelerates the natural silvering process, helping the rain to wash out the soft wood components. But do remember that the surface needs to be exposed to sun and rain. Coniferous Wood Leach can also be used later on for maintenance as a biocide-free treatment for algae growth. The alkalinity kills algae in a non-toxic way and the rain washes away the remains.

The wood will become darker immediately after leaching. This effect will vary according to the type and origin of the wood, and should be tested on surfaces first.

This effect can be used indoors to achieve an artificial aging (leached wood) look.

The patinated surface can then be protected with soap.

■ Uses

Suitable for clean, untreated softwood such as larch, spruce and pine – indoors and especially outdoors.

■ Wood protection by design

Keeping wood dry and preventing any long-term exposure to moisture significantly prolongs the life of the wood treatment. However, protecting your wood starts even before applying any products: it already starts in the construction phase. When you are planning your project, you should consider preventative measures such as separating the wood from the ground, using large roof overhangs, bevelling horizontal surfaces, creating drip edges, protecting the end grains and providing a ventilation cavity behind cladding.

■ Properties

- Ready-to-use, transparent liquid
- pH value: 14
- No preservatives or organic solvents
- Odourless
- Accelerates the natural silvering process
- Brings out the natural structure of the wood
- Biocide-free
- Vegan

■ Composition

Water, sodium hydroxide, vegetable soap and lime soap

■ Suitable tools

Lye-resistant brush, varnish brush
Lime Brush (article no. P6082)

■ Test surface

It is recommended to test the product on an inconspicuous surface before extensive application in order to determine whether the substrate may change colour or react with the product.

■ Substrate requirements

The substrate must be untreated, clean, dry, non-greasy and absorbent.

■ Preparing the substrate

Clean dirty wood with Coniferous Wood Leach using a lye-resistant scrubbing brush.

■ Application

Shake the product briefly prior to use and apply evenly and undiluted with a paint brush in the direction of the wood or work into the wood surface with a scrubbing brush. Apply Coniferous Wood Leach to new, untreated wood at least twice, allowing for drying between coats. A second sanding is not required. Kreidezeit Coniferous Wood Leach is applied undiluted. Processing and drying temperatures: at least 5°C.

Please note:

wood in outdoor areas should be fitted with non-rusting metal screws and fittings, otherwise dark stains may appear after applying the product.

■ Subsequent treatment

- **Outdoors:**
Outdoor surfaces do not require further treatment.
- **Indoors:**
Treat surface using Marseille Soap (article no. 223) or Corfu Soap (article no. 226). Surfaces treated with Coniferous Wood Leach must not be oiled or varnished without thorough pH neutralisation first (check the pH value).

■ Cleaning and maintenance

Remove any dirt with a lye-resistant scrubbing brush and diluted Coniferous Wood Leach (dilute 1 part Coniferous Wood Leach with 3 parts water).

For maintenance purposes, it is recommended to repeat the treatment with Coniferous Wood Leach at least every 3-5 years (see 'Application'), but no later than when algae or fungi are observed on the surface.

■ Drying times

Dry and re-coatable after about 5 hours at 20°C. High humidity and cold temperatures extend the drying time. Dries exclusively through water evaporation.

■ Cleaning the tools

Clean immediately with water after use.

■ Application rate

Depending on the absorption of the substrate, approx. 0.08 to 0.13 litres per m² per coat. Exact consumption rate to be determined on the actual substrate.

■ Container sizes:

Article no. 391 1 litre
Article no. 392 5 litres
Article no. 394 20 litres

For prices, please refer to the valid price list.

■ Storage

The product will keep for at least 5 years if stored airtight and protected from frost.

■ Disposing leftover product

Do not dispose of the product remains in wastewater, but keep hermetically sealed for later use. Empty containers can be recycled. Please adhere to current statutory regulations for disposing of paint and paint residues.

■ Notes

A test coat must be applied to the wood before applying to large areas. The use of this product will result in the wood changing colour; this cannot be reversed. Wood containing tannin will become darker. Protect any areas that will not be treated before applying Coniferous Wood Leach, especially varnished or oiled surfaces, untreated wood and metal.

■ EU VOC Value acc. to 2004/42/EC

VOC limit / Max. VOC content (cat. A/e): 130 g/l (2010), Product contains max. 1 g/l VOC.

■ Warning

The product contains alkalis and is highly **corrosive!** Eye/face protection and rubber gloves must be worn. Protect clothing against splashes. Use skin protection cream. In case of contact with skin, eyes or clothes, rinse immediately with plenty of water. In case of contact with eyes, seek medical attention.

Do not allow product to come into contact with acids. Please check for allergies to natural substances. The product typically does produce an odour due to the natural raw materials used.

Keep out of reach of children!



Danger

■ Hazard Statements

- H314 – Causes severe skin burns and eye damage.

■ Precautionary Statements

- P260 – Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 – Wash ... thoroughly after handling.
- P280 – Wear protective gloves/protective clothing/eye protection/face protection.
- P310 – Immediately call a POISON CENTER or doctor/physician.
- P321 – Specific treatment (see ... on this label).
- P362 – Take off contaminated clothing and wash before reuse.
- P301 + P330 + P331 – IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P405 – Store locked up.
- P501 – Dispose of contents/container to disposal.

The information above was determined based on our most recent experiences. Due to application methods and environmental influences, as well as the varying nature of the substrates, liability for the general validity of the individual recommendations is excluded. Users must test the product prior to application to ensure it is fit for the designated purpose (sample coating).

This document is no longer valid if a new version is published or the product is modified. For the latest product information, please contact Kreidezeit directly or visit our website at www.kreidezeit.de