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:

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Content</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>391</td>
<td>1 l</td>
<td>8-12 m²</td>
</tr>
<tr>
<td>392</td>
<td>5 l</td>
<td>40-60 m²</td>
</tr>
<tr>
<td>394</td>
<td>20 l</td>
<td>160-240 m²</td>
</tr>
</tbody>
</table>

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.
- 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 influ-
ences, 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