

## AURO Softwood Lye No. 401

### Type of material / application

Ready to use lightly pigmented lye for preliminary treatment and bright-keeping of new ground solid coniferous wood before a treatment with AURO Wood soap No. 403\* or AURO Wood soap white No. 404\*. Only for interior use. Unsuitable for deciduous wood (hardwood).

### Composition

Water, calcite, white hydrated lime, potassium hydroxide solution, methyl cellulose, titanium dioxide, xanthane, swelling clay, gum arabic. Natural products are not free of typical odours or emissions. Consider possible allergies. Our current full declaration is definitive.

### Colour hue

White; drying whitish-transparent. Due to the alkaline state of the product, colour changes of the treated wood surfaces take place which may differ even for the same kind of wood, therefore they should be determined by preliminary tests on the object.

### Application procedure

Paint (paint brush, area spreader) or roll (foam plastic roller). Use only alkali resistant tools.

### Drying time in normal climate

Can be further treated with AURO Wood soap No. 403\* or 404\* after about 4-16 hours, depending on the air exchange rate, ambient humidity and temperature. Considerable drying delays are possible under high relative humidity, at low temperatures, with poor ventilation and when large amounts have been applied.

Density	ca. 1,05 g/ml
Viscosity	14 seconds (DIN 4 mm) at 20 °C
Thinner	Adjusted ready for use, can be thinned with water
Consumption	Approx. 0,1 - 0,15 l/m <sup>2</sup> depending strongly on the absorption of the substrate. Determine exact consumption on object.
Instructions for cleaning	Remove splashes immediately with water. Clean work utensils with water before they dry.
Storage	Store cool, frost-free and dry. Tightly close partly empty containers again. Will keep for about 2 years when stored in unopened original containers.
Packing material	Polyethylene. Completely emptied containers can be returned to recycling materials collection.
Disposal of product residues	Compost dried product residues or dispose of in domestic garbage. EAK-Code 200115, EAK-designation: lyes
Safety class	Caustic. Contains potassium hydroxide solution < 2%, GGVS 8/42c. UN-No. 1814.

### Instructions and safety advice

- Processing temperature at least 10 °C
- The product is alkaline, similar to, for example, lime or cement mortar, irritates the eyes and the skin.
- Keep out of reach for children.
- Avoid inhaling dust. Avoid contact with the skin and the eyes.
- After accidental skin contact wash off with water. After accidental eye contact rinse immediately with plenty of water and consult a doctor.

# Technical recommendations for application

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### **1. SUBSTRATE**

#### **1.1 Suitable substrates**

New non-yellowed or ground down to non-yellowed layers solid coniferous wood indoors.

- Unsuitable for hardwood.
- Unsuitable for cross-grained wood (e.g. wooden pavement); danger of strong swelling.
- Avoid overhead utilisation.

#### **1.2 General substrate requirements**

The substrate must be firm, dry, absorbent, clean, grease-free and free from breaking-through ingredients

### **2. PAINT COATING BUILD-UP (FIRST PAINTING)**

#### **2.1 Substrate preparation**

- Before treatment round the edges, clean the substrate, grind finely (grain 120 or finer).
- Completely remove grinding dust, e.g. by suction cleaning.
- Wash resin-rich wood sorts with Plant alcohol thinner No. 219\*.

#### **2.2 Basic treatment**

- Carefully cover-up the surroundings.
- Wear rubber gloves and goggles.
- Do not pour the product into light metal containers or coloured tins.
- Stir AURO Softwood lye well and apply uniformly to saturation in the fibre direction using an alkali-resistant tool. Do not pour out onto the substrate.
- Stir the lye frequently during processing.
- Dispel or take off any overhangs.
- Allow to dry thoroughly, thereby ensuring adequate circulation of air.
- Walk on treated floors only after allowing them to dry completely.

#### **2.3 Subsequent treatment**

- Intermediate grinding (grain 180-220) is recommended to obtain high quality surfaces. Wear a dust protection mask. Suck-off grinding dust completely.
- Treat with AURO Wood soap No. 403\* or AURO Wood soap white No. 404\*; see corresponding technical data sheet.
- Use only AURO Wood soaps. Unsuitable soaps could produce discoloration.

### **3. PAINT COATING BUILD-UP FOR RENOVATION PAINTING**

#### **3.1 Substrate preparation**

- Remove any old paint coatings, grind very worn or damaged surfaces right down to the intact non-yellowed absorbent wood.
- Thoroughly clean and finely grind the surface. Remove dust.

**3.2 Basic treatment:** Same as described under 2.2.

**3.3 Subsequent treatment:** Same as described under 2.3.

\* See the corresponding technical data sheets

The information contained in these technical data sheets is the result of long years of research and practical tests. This information is intended as advice but does not release the purchaser and user from the need to test the products himself with regard to their suitability for the intended application. Therefore this information does not imply any guarantee and does not entail any liability. Consultation of our technical advisory service does not constitute any advisor relationship. This technical data sheet loses its validity when a new edition is released.  
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