



AURO Wood soap No. 403 AURO Wood soap, white No. 404

Technical Data Sheet

Type of material / Intended purpose:

Plant soap concentrate for soap treatment of untreated solid wood surfaces or wood surfaces pre-treated with AURO Wood lyes No. 401* or 402*, indoors. For cleaning and care of soap-treated surfaces.

Wood soap No. 403: UBANo. 20410007.

Wood soap, white, No. 404: UBANo. 20410008.

Composition:

Water,** as Potassium soap, sunflower oil**, alcohol, palm kernel fat, coconut fat**, soy oil**, citric acid, castor oil, potash, rapeseed oil**. Additionally in No. 404: Titanium dioxide. Natural products are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on www.auro.de/en.

Colour shade:

Wood soap No. 403: Transparent, slightly yellowish, drying nearly colourless on surface.

Wood soap, white, No. 404: White, drying whitish-transparent on surface.

When applied in large quantities or high concentrations, these soaps have a light honey-colour effect. They can produce colour changes (especially on wood sorts rich in tanning substances), therefore preliminary tests should be made.

Application method:

Painting, rolling or wiping.

Drying time in standard climate (20 °C, 60% relative humidity):

Dry and can be further processed after about 4-16 hours, depending on the air circulation rate, ambient humidity and temperature. Considerable drying delays can be caused by high atmospheric humidity, low temperature, poor ventilation and application of large amounts.

Density: No. 403: Approx. 1,02 g/ml/ No. 404: Approx. 1,11 g/ml.

Hazard class: Does not apply.

Viscosity: 14 seconds (DIN 4 mm) at 20 °C.

Thinner: Water

Application concentration:

For soap treatment: 100 ml wood soap in 1 l of water.

For cleaning and care: 100 ml wood soap in 4 l of water.

Consumption rate: For soap treatment approx. 20 ml soap per m² and application. 2-3 applications are required, depending on the absorbency of the substrate.

Cleaning of tools: Remove splashes with water. Clean work utensils with water before drying.

Storage stability: Store cool, frost-free and dry, out of reach of children. After opening, close the containers again tightly. In unopened original container: approx. 24 months. Turbidity appears if stored below 10 °C. It disappears after warming and do not impair the usability of the product.

Packing material: Polyethylene. Completely emptied containers can be returned to recycling material collection.

Disposal: Compost dried product residues or dispose of in household waste. EWC code 200116, designation: Washing agents.

Attention:

Avoid contact with the skin and eyes. After accidental eye contact, rinse immediately with plenty of water and seek medical advice. See Safety Data Sheet, Technical Data Sheets*.

REMARKS:

Processing temperature at least 10 °C.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

- Untreated solid wood or solid wood pre-treated with AURO Wood lyes No. 401*/402* indoors.
- Not for cross-grained timber surfaces (e.g., wooden pavements); danger of strong swelling.

1.2 General substrate requirements

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

2. COATING SYSTEM (FOR INITIAL COATING)

2.1 Substrate preparation

- Round edges, clean the substrate and grind finely (grit 120 or finer).
- Completely remove grinding dust, e.g., by suction cleaning.
- Wash out resin- and ingredient-rich wood sorts with Plant alcohol thinner No. 219*.

2.2 Basic treatment

If bright-keeping of new non-yellowed wood is desired, basic treatment is required with AURO Softwood lye No. 401* or AURO Hardwood lye No. 402*, depending on the substrate, see the corresponding technical data sheets.

2.3 First intermediate treatment

- Do not pour the product into light metal containers or coloured tins.
- Stir AURO wood soap thoroughly; dilute (1 part of soap to 10 parts of water).
- Apply uniformly with a surface spreader or wiping rag.
- Remove or spread any overhangs within 15 minutes with a well wrung-out rag.
- To obtain high quality surfaces, the soap solution can be rubbed-in with a floor polishing machine equipped with a polishing pad. Remove any foam produced.
- Allow to dry thoroughly, ensuring good air circulation.
- Walk on treated floors only after complete drying.

2.4 Second intermediate treatment

As described under 2.3.

2.5 Final treatment

As described under 2.3.

To obtain high quality surfaces, after the final soap application has dried, the surface can be polished with a floor polishing machine equipped with a polishing pad or with a soft brush.

3. COATING SYSTEM (FOR RENOVATION COATING)

3.1 Substrate preparation

- Completely remove any old paint coatings. Grind down extremely worn or damaged surfaces right down to the intact absorbent timber. Thoroughly clean and grind the surface. Remove dust.

3.2 Basic and subsequent treatments

As described under 2.2 - 2.5.

4. CLEANING AND CARE

- Only AURO wood soaps may be used for cleaning and care. Unsuitable cleaning agents can produce discoloration and/or remove the soap layers of the initial treatment.
- Wipe floors only with soap solution, not with pure water.
- Depending on the desired brightening effect, wood soap, wood soap white or mixtures of the two soaps can be used.
- Sweep or suck off dust.
- Stir AURO Wood soap well. Dilute 1:40 with water (e.g., 100 ml of soap to 4 l of water).
- Keep a second bucket ready containing clean water.
- Wipe the floor moist with soap solution.
- Do not bring the wiping rag directly from the floor into the soap solution; first wash in water and then wring out well.
- Leave the floor to dry; do not tread on the wet surface.
- In the case of severe soiling, first clean with AURO Paint and stain cleaner No. 435* (see corresponding Technical Data Sheet). It removes the wood soap layers completely; therefore, reconstruction is necessary thereafter as described under 2.3 - 2.5.

* See respective Technical Data Sheets.

The Technical Data Sheet gives recommendations and examples of possible use. No liability or other legal responsibility can be derived. Use of the advice does not create any legal relationship. The Information provided is based on our present knowledge and does not exempt the user from his personal responsibility. The respective state-of-the-art practices must be observed when implementing coating work and the required preparations. The conditions on site and the product's suitability must be checked appropriately and professionally. With publication of a new edition this technical data sheet is no longer valid. Status: 09.2021