

## AURO Plant hard wax No. 971

**Type of material/Intended purpose** Balsam consisting of beeswax and vegetable waxes for interior use, transparent. For refinement of wooden surfaces, especially furniture, cork, unglazed clay tiles.

**Composition** Orange oil, linseed oil, carnauba wax, bees wax, dryers (cobalt-free). Natural paints are not odourless or free of emissions. May cause allergic reactions. Natural products are not odour- nor emission-free. See the current full declaration on [www.auro.de](http://www.auro.de).

**Colour shade** Transparent, gives wood a honey shading.

**Application method** Apply using a rag ball or by polishing machine, if possible with pre-warming device.

**Drying time in standard climate (20°C/60% rel. air humidity)**

- For finish matt silk: can be polished after approx. 4 - 6 hours.
- For finish glossy silk: can be polished after approx. 24 hours.
- Final hardness is not achieved until after 2-4 weeks: during this time, the surface should be treated carefully and prevented from coming into contact with water.
- High air humidity, low temperatures and too high spreading rates slow down the drying process considerably.
- Drying is also effected by oxygen absorption, therefore ensure sufficient air change during the drying process.

**Density 0,90 g/cm<sup>3</sup>.**

**Hazard class** Regulations on inflammable liquids (VbF): All inflammable. Flashpoint: Approx. 48 °C.

**Viscosity** Semi-solid (ointment-like consistency); soften on gentle rubbing.

**Thinner** Ready for use, can be diluted with AURO Orange oil No. 191\*.

**Consumption rate** Approx. 0.02 l/m<sup>2</sup> per coat, may vary depending on application, surface quality and substrate. Determine exact consumption on sample.

**Cleaning of tools** Remove product residues from tools and clean thoroughly with AURO Orange oil No. 191\* immediately after use.

**Storage stability** At least 48 months at 20 °C in unopened container; store cool but frost-free.

**Packaging** Tinplate. Completely empty containers can be recycled.

**Disposal** The ingredients of dried product residues are comparable to domestic waste. However, disposal according to valid legal regulations for paint and varnish residues is required by law. EWC code 200112, designation: Paints, European Waste Catalogue.

**Attention** Used rags or polishing pads are prone to self ignition (due to the content of drying oils) and must be spread out to dry and be stored in a firmly closed tin container. Keep out of reach of children. See Safety Data Sheet and Technical Data Sheets\*.

**REMARKS**

- Application temperature: 12°C min., wood moisture must not exceed 15% max.
- After the processing time has elapsed, the waxed surface ca not be polished anymore!
- Direct sunlight and exposure to humidity must be avoided during the application.
- Tools for polishing: rag ball, non-fluffy cloths (cotton/linen), polish brush or polish pad with lamb fur cup.
- The renovation cycle is 2 - 4 years depending on the stress level surfaces are exposed to. Exposed surfaces under high stress may require renovation coatings earlier.
- It is recommended to check surfaces regularly and to repair defective areas to ensure optimum protection.

# Technical recommendations for application

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### 1. SUBSTRATES

- 1.1 Suitable substrates** All wood types, wood based materials, cork, unglazed clay tiles, linoleum and tiles made of natural stone.
- 1.2 General substrate requirements** Substrate must be solid, even, chemically neutral, dry, free of grease, clean.

### 2. COATING SYSTEM (FOR INITIAL COATING)

**2.1 Type of substrate** Wood, wooden materials.

**2.1.1 Substrate preparation** Clean thoroughly, wet with water if necessary, sand finely and remove all dust.

#### 2.1.2 Basic treatment

Prime absorptive substrates with AURO Impregnating primer No. 121\* (for strongly absorptive substrates) or with AURO Hard oil No. 126\* (for poorly absorptive substrates), or with AURO 2-in-1 oil wax PurSolid No. 128\*.

#### 2.1.3 Final treatment

- Apply the wax sparingly and evenly, polish within the polish time (24 hours).
- Once the polish time has elapsed, the waxed surface can no longer be polished.

**2.2 Type of substrate** Unglazed clay tiles, tiles made of natural stone, linoleum, cork.

#### 2.2.1 Substrate preparation

- Remove any soiling (e.g. using AURO Wooden floors cleaning and care No. 661\*), or with a mild, lukewarm solution of water and AURO Vegetable Soap No. 411\* and leave for drying.

#### 2.2.2 Basic treatment

- Not necessary for linoleum.
- Proceed as described in 2.1.2.
- Due to the strongly variable absorptive capacity of tiles and cork, trials are necessary.

**2.2.3 Final treatment** Proceed as described in section 2.1.3, but apply an extremely thin layer.

### 3. COATING SYSTEM (FOR RENOVATION COATING)

**3.1 Type of substrate** Painted surfaces.

#### 3.1.1 Substrate preparation

- Remove the previous coating down to the bare substrate using AURO Stripping paste No. 461\* or another suitable method.
- If needed neutralize, clean, sand finely and remove all dust.

**3.1.2 Subsequent treatment** Proceed as described in 2.1.2

**3.1.3 Final treatment** Proceed as described in section 2.1.3.

**3.2 Type of substrate** Waxed surfaces in need of renovation

#### 3.2.1 Waxed surfaces with moderately worn out wax layer

##### 3.2.1.1

- Carefully clean the surface using a mild, hand-warm solution of AURO Plant soap No. 411\*.
- Remove any stains in the waxed surface using AURO Wooden floors cleaning and care No. 661\*. With materials containing large amounts of tannin (e.g. oak), it is recommended to use AURO Orange oil or AURO Power cleaner No. 191\*.

**3.2.1.2 Final treatment** Proceed as described in section 2.1.3.

#### 3.2.2 Waxed surfaces with heavily worn out wax layer

- If the surface is heavily worn or damaged, the coating must be renewed entirely, whereby this can also be limited to the repair of partial areas.
- After removal of the coating, clean with AURO Power cleaner No. 421\*.
- Renew the coating as described under Section 2.

### 4. CLEANING AND MAINTENANCE

- Prevent water from coming into contact with the surface during the first 4-6 weeks after coating.
- It is recommended to treat floor surfaces 2 weeks after wax treatment with undiluted AURO Floor care emulsion No. 431\* by applying thinly and then polishing off.
- Regular care: wipe with a moist, but not wet cloth. AURO Floor care emulsion No. 431\* may be added to the washing water.
- When caring for the surfaces of furniture, use AURO Cembra oil furniture polish No. 441\* in addition.
- Remove heavy soiling with AURO Power cleaner No. 421\*.
- Where the wax film has worn only in places, renew the coating as described under 3.2.

\* 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: 01.10.2008 technical data | 16.08.2013 full declaration