

## AURO Liquid wax No. 981

### Type of material/Intended purpose

Liquid balsam made from beeswax and vegetable wax, transparent, for interior use. For refining and protecting wooden surfaces exposed to normal wear.

### Composition

Orange oil, linseed oil, carnauba wax, beeswax, dryers (cobalt-free), swelling clay, lecithin, alcohol. Natural products are not odour- nor emission-free. May cause allergic reactions. See the current full declaration on [www.auro.de](http://www.auro.de).

### Colour shade

Transparent, honey coloured tinting effect on wood

### Application method

- Apply with a rag ball or mechanically by polishing machine (possibly with pre-warming device).
- Apply by paint brush, roller, spraying:

Spray method	Air Coat	Compressed air	HVLP
Devices	GM 2600/Wagner	Sata LM-92	Fine Coat/Wagner
Spray pressure	50 - 60 bar	-	1 - 1.5 bar
Air pressure	1.5 - 2 bar	2.0 - 2.5 bar	1 bar
Spray nozzle	9/40*	1.0 - 1.3 mm	1.2 mm

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

- Ready for polish (satin finish): after approx. 20-60 minutes; ready for polish (silk gloss): within approx. 1-4 hours.
- Full hardness is only obtained after 2-4 weeks. Treat carefully during this period and do not expose to moisture.
- High air humidity, low temperatures and excessive spreading rates slow down the drying process considerably.
- Drying is effected by oxygen consumption; therefore ensure tempered air change during the drying process.

**Density** 0.90 g/cm<sup>3</sup>.

**Hazard class** Regulations on inflammable liquids VbF: All flammable. Flashpoint: approx. +48 °C

**Viscosity** 15 seconds (DIN 4mm) at 20 °C.

**Thinner** Ready to use; dilutable with AURO Orange oil No. 191\*.

**Consumption rate** Approx. 0.05 l/m<sup>2</sup> per coat, may vary depending on the application method, surface quality and surface. Determine exact consumption on sample.

**Cleaning of tools** Remove excess wax from tools and wash thoroughly with AURO Orange oil No. 191\* immediately after use.

**Storage stability** At least 24 months in unopened original container. Store cool, but frost-free.

**Packaging material** Tinplate: Recycle completely empty containers as specified for tinplate.

### 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** Risk of spontaneous inflammation of used cleaning rags and polishing pads (due to content of drying oils). Therefore, spread these out individually for drying or store in airtight tin containers. Keep out of the reach of children. See Safety Data Sheet, Technical Data Sheets\*.

### REMARKS

- Application temperature: 10 °C min., wood moisture: 12 % max. for deciduous wood, 15 % max. for coniferous wood. Stir well before use.
- The wax finish is no longer polishable upon completion of the drying process!
- It is absolutely necessary to avoid exposure to direct sunlight and humidity during the application.
- Tools for polishing the wax finish: rag ball, lint-free rags (cotton/linen), polishing brush or polishing disk with lamb's wool cover.
- The renovation cycle amounts to 2-4 years depending on the stress level. It may be necessary to renovate exposed, highly stressed surfaces earlier.
- It is recommended to check surfaces and repair defects regularly to ensure ideal protection.
- Saliva- and perspiration-proof according to DIN 53 160 and EN 71, part 3.
- Observe the manufacturer's instructions for use when working with wooden materials such as multi-layer glued wood fibre board.

# Technical recommendations for application

## AURO Liquid wax No. 981

### 1. SUBSTRATE

#### 1.1 Suitable substrates

All types of wood, wood based materials, cork, unglazed clay tiles, linoleum and natural stone tiles.

#### 1.2 General substrate requirements

Surfaces must be clean, dry, solid, even, chemically neutral and free of grease.

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

#### 2.1 Type of substrate Wood, wood based materials, cork

##### 2.1.1 Substrate preparation

Clean surfaces thoroughly, wet surfaces, if necessary, sand finely and remove dust thoroughly.

##### 2.1.2 Basic treatment

Prime absorptive surfaces; use AURO Impregnating primer No. 121\* for highly absorptive surfaces (e.g. cork), use AURO Hard oil No. 126\* for slightly absorptive surfaces or PurSolid hard oil No. 123\*.

##### 2.1.3 Final treatment

Apply a thin layer of AURO Liquid wax No. 981 evenly and streak-free, and polish within the drying times (24 hours max.). The wax finish is no longer polishable upon completion of the drying process.

#### 2.2 Type of substrate Unglazed clay tiles, natural stone tiles, linoleum

##### 2.2.1 Substrate preparation

Remove soiling, e.g. with AURO Plant soap No. 411\* or AURO Paint and stain cleaner No. 435\*.

##### 2.2.2 Basic treatment

- Not applicable to linoleum; otherwise as described in section 2.1.2.

- It is absolutely necessary to carry out preliminary tests on tiles due to their varying absorptivity.

##### 2.2.3 Final treatment

As described in section 2.1.3, but always apply an extremely thin layer.

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

#### 3.1 Type of substrate Coated (painted) surfaces.

##### 3.1.1 Substrate preparation

- Remove existing coatings entirely down to the raw surface, e.g. by stripping with AURO Stripping paste No. 461\* or by means of other suitable methods.

- If necessary, neutralize, clean, sand finely and remove dust thoroughly.

##### 3.1.2 Basic treatment As described in section 2.1.2.

##### 3.1.3 Final treatment As described in section 2.1.3.

#### 3.2 Type of surface Waxed surfaces in need of renovation.

##### 3.2.1 Waxed surfaces with moderately worn wax films

###### 3.2.1.1 Substrate preparation

- Clean surfaces thoroughly with mild, lukewarm solution of AURO Paint and stain cleaner No. 435\*.

- Remove stains in the wax film with AURO Plant soap No. 411\*. Be careful with types of wood very rich in active substances (e.g. oak): Preferably use AURO Orange oil No. 191\*.

###### 3.2.1.2 Final treatment As described in section 2.1.3.

##### 3.2.2 Waxed surfaces with strongly worn wax films

- An entirely new coating system, which may be restricted to partial areas, is required in the case of extreme wear or damaged surfaces.

- After removing the existent film with AURO Power cleaner No. 421\*, apply a new coating system as described in section 2.

### 4. CLEANING AND MAINTENANCE

- Avoid exposure to water for approx. 4-6 weeks after surface treatment.

- Approx. 2 weeks after treatment, it is recommended, to apply a thin layer of undiluted AURO Floor care emulsion No. 431\* followed by polishing.

- Maintenance: Mop damp but not wet. Possibly add AURO Floor care emulsion No. 431\*.

- Remove stubborn soiling with AURO Power cleaner No. 421\*.

- Renew wax films partially worn as described in section 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