

Technical data sheet

AURO Liquid wax No. 981

Type of coating material/Application

Liquid balsam for inside made from beeswax and vegetable wax, transparent. Especially designed for refining and protecting wooden surfaces exposed to normal stress.

Composition

Linseed oil, linseed stand oil, castor stand oil, carnauba wax, beeswax, orange oil, swelling clay, alcohol, Ca/Co/Zr drying agents (lead-free). Our current full declaration is authoritative.

Colour shades

Transparent, honey coloured tinting effect on wood.

Application methods

- 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 times in standard climate (+20 °C / 60% rel. air humidity)

- *Polishable (satin finish): after approx. 20-60 minutes, polishable (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 ³	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 Thinner No. 191*.	
Consumption	0.05 l/m ² max. per coat, may vary depending on the application method, surface quality and surface. Carry out a test application to assess the exact spreading rate.	
Cleaning of tools	Remove excess wax from tools and wash thoroughly with AURO Thinner No. 191* immediately after use.	
Storage stability	Storable for at least 24 months in unopened original container at +20 °C. Store cool, but frost free.	
Packaging material	Tinplate: Recycle completely empty containers as specified for tinplate	
Waste disposal	Compost dried product residues or dispose of as domestic waste. Recycle empty tins as specified for metal. Liquid residues: EWC code 200112, EWC designation: Paints.	
Safety statements	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.	

Instructions for use

- 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.

Application-technical recommendations

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1. SURFACE

1.1 Suitable surfaces: All types of wood, wooden materials, cork, unglazed clay tiles, linoleum and natural stone tiles.

1.2 General surface requirements: Surfaces must be clean, dry, solid, even, chemically neutral and free of grease.

2. COATING SYSTEM (INITIAL COATING)

2.1 Type of surface: Wood, wooden materials, cork

2.1.1 Surface preparation: Clean surfaces thoroughly, wet surfaces, if necessary, sand finely and remove dust thoroughly.

2.1.2 Primer 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 surface: Unglazed clay tiles, natural stone tiles, linoleum

2.2.1 Surface preparation

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

2.2.2 Primer 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 COATINGS

3.1 Type of surface: Coated (painted) surfaces.

3.1.1 Surface 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, neutralise, clean, sand finely and remove dust thoroughly.

3.1.2 Primer 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 which need to be renovated

3.2.1 Waxed surfaces with moderately worn wax films

3.2.1.1 Surface 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 Thinner No. 191*.

3.2.1.2 Final coating: 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 weeks after surface treatment.

- It is recommended to apply a thin layer of undiluted AURO Floor care emulsion No. 431* followed by polishing after approx. 2 weeks.

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

- Use AURO Cembra oil furniture polish No. 441* as care product for wooden furniture.

- 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.

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