

AURO Wood Wax No. 184

Type of material/ application

Transparent liquid balsam, water-thinnable and solvent free, made from beeswax and plant wax, for indoor use. For finishing and protecting normally stressed wood surfaces; particularly suitable for furniture; can also be used on linoleum. For use on wood types rich in active substances see point 2.

Composition

Binder resin from linseed oil, castor oil, sunflower oil, rosin glycerol ester (partly as ammonium soap), wood oil-stand oil, beeswax, carnauba wax, mineral fillers, water, surfactants from castor and rape oil, lecithin, methyl cellulose, xanthane, borate, silicic acid, Ca/Co/Zr dryers (lead free). Our currently valid full declaration is decisive.

Colour hue

Transparent, light honey-toning effect on wood. **Note:** The product has a milky appearance, but it dries after application to give a clear transparent layer.

Methods of application

Paint (with glaze paintbrush: Plastic or mixed fibre bristles, e.g. Chinex®, Orel or Orel-Mix, e.g. AURO No. 710), roll (e.g. with fine pore foam plastic roller or short pile lacquer roller, e.g. AURO No. 730) or spray.

Spraying	High pressure	Fog reduced (HVLP)	Airmix
Nozzle diameter	1.0 - 2.0 mm	1.0 - 2.0 mm	as specified by equipment manufacturer
Air pressure	3-5 bar	2-4 bar	as specified by equipment manufacturer

Drying time in normal climate (20 °C / 60% relative humidity)

- Should be polished in still soft state (silk gloss): Not before 20 minutes, not later than 60 minutes after application.
- Can be loaded cautiously after about 24 hours.
- Final hardness reached after about 3 weeks. During this time treat carefully and do not subject to lengthy moisture exposure.
- Considerable drying delays result under high relative humidity, with low temperatures, when excessive amounts have been applied or in the case of application on wood rich in active substances (e.g. oak, chestnut, cherrytree).
Old coatings can also influence drying time.
- Among other effects, drying takes up oxygen, therefore provide adequate air circulation while drying.

Density	1,0 g/cm ³	Hazard class: not applicable
Viscosity	Average approx. 40 seconds (DIN 4 mm) at 20 °C	
Thinner	Adjusted ready for use, can be thinned with water up to max. 20%	
Consumption	Approx. 0.03 l/m ² per coating, can vary depending on application method, surface quality and substrate. Determine exact consumption on object.	
Tool cleaning	Paint-out work utensils and thoroughly wash-out with warm water and AURO plant soap No. 411* immediately after use. Remove strongly adhering product residues by prolonged soaking of the work utensils in 5% soap solution and if necessary clean with AURO Thinner No. 191*. Then rinse thoroughly with water.	
Storage stability	At least 12 months in unopened containers. Store cool but frost-free.	
Packing material	Tin plate. Completely emptied containers can be returned to tin plate recycling.	
Disposal	Compost dried product residues or dispose of in domestic garbage. Return empty tins for metal recycling. Liquid residues: EAK Code 200112, EAK designation: Paints.	
Safety advice	Soiled rags and polishing material can ignite spontaneously (due to the drying oils content), therefore make sure that they are left to dry spread out, or keep in tightly closed metal container. Keep the product out of reach of children.	

Instructions for processing

- Processing temperature must be at least 10 °C; the wood moisture should not exceed 15%.
- The wax surface can no longer be polished after elapse of the drying time.
- It is essential to avoid direct solar radiation and moisture during processing.
- Tools for polishing the wax surface: Ball rag, non-fluffy rag(cotton/linen)) or polishing pads.
- The renovation cycle is 2 to 4 years depending on stress. Renovation may be necessary earlier on exposed, strongly stressed surfaces.
- For optimum protection it is advisable to check the surfaces regularly and to touch-up damaged places.
- Observe the coating instructions of the manufacturer for timber materials such as layer-bonded wood fibreboard and similar materials.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates: Wood, wood products, linoleum.

1.2 General substrate requirements: The substrate must be firm, chemically neutral, dry, free from grease and clean.

2. PAINT COATING BUILD-UP(FIRST PAINTING)

2.1 Substrate type: Wood, wood products

2.1.1 Substrate preparation

- For high quality surfaces: First moisten with a sponge, allow to dry and then grind fine, brush the pores in the fibre direction, completely remove all dust.
- Make sure that rust-free grinding material is used.

2.1.2 Basic treatment

- Treat once with AURO wood primer No. 124*.
- After drying, carefully grind intermediately with fine grade sandpaper (grain 220) or grinding pad, taking care not to damage the edges. Completely remove all dust.
- **Wood types rich in active substances:**
 - Wood types rich in tanning agents (e.g. oak, chestnut, cherrytree) should be first primed with AURO Special primer No. 117* to avoid drying delays.
 - After drying (approx. 24 hours) smooth down with a fine pad - **do not grind !**

2.1.3 Final treatment

- Apply wood wax No. 184 once or twice uniformly and polish in *the still soft state not earlier than 20 minutes and not later than 60 minutes after application.*

Attention: The wax surface cannot be polished any longer thereafter. Tools for polishing: Ball rag, non-fluffy rag (cotton/linen), use a soft pad for single-disc polishing machine (yellow, cream or light brown, depending on manufacturer). If necessary, repeat final treatment after thorough drying.

2.2 Substrate type: Linoleum

2.2.1 Substrate preparation

- Remove contamination e.g. with AURO Floor cleaner No. 427*, otherwise clean moist with mild lukewarm AURO plant soap solution No. 411*, rinse with water and allow to dry.

2.2.2 Basic treatment

- Not necessary for linoleum.

2.2.3 Final treatment: Same as described under 2.1.3, but always apply very thinly.

3. PAINT COATING BUILD-UPFOR RENOVATION PAINTING

3.1 Substrate type: Coated substrate (lacquered)

3.1.1 Substrate preparation

- Completely remove the existing coating right down to the raw substrate, e.g. by stripping with AURO alkaline stripping paste No. 461* or by some other suitable method..
- Alkali residues must be neutralised. Then clean, grind finely and thoroughly remove all dust.

3.1.2 Basic treatment: Same as described under 2.1.2.

3.1.3 Final treatment: Same as described under 2.1.3.

3.2 Substrate type: Waxed surfaces requiring renovation

3.2.1 Waxed surfaces with moderately worn wax layer

3.2.1.1 Substrate preparation

- Completely remove all insecurely supporting parts of the paint coating.
- Check the existing substrates and paint coatings for adhesion and compatibility.
- Thoroughly clean the substrate with a mild lukewarm solution of AURO plant soap No. 411*.
- Remove patches in the wax layer with AURO Floor cleaner No. 427*.

3.2.1.2 Final treatment: Same as described under 2.1.3.

3.2.2 Waxed surfaces with severely worn wax layer

- Complete reconstruction (can be confined to part areas if appropriate) is necessary in the case of extreme wear or damage of the surface.
- Reconstruct as described in Section 2 after removing the surface layer (e.g. with AURO wax balsam cleaner No. 421*).

4. CLEANING AND CARE

- After surface treatment, avoid contact with water as far as possible for 3 weeks.
- Maintenance care: Wipe moist but not wet. If necessary add AURO Floor care No. 437*.
- Remove severe dirt contamination with AURO wax balsam cleaner No. 421*.
- Renovate wax films worn in part areas as described under 3.2.

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Status: 01.02.2002, actualised edition: Use of Special primer.

* See the corresponding technical data sheets

