

AURO Wood wax No. 187

Type of material

Water-thinnable, solvent-free liquid balsam made of beeswax and plant wax.

Intended purpose

For refining and protecting of wooden surfaces with normal exposure to wear; wooden floors and wooden furniture.

Composition

Water, castor stand oil*, wood oil, linseed oil*, colophony glycerol ester with organic acids*, mineral fillers, surfactants made of rapeseed and castor oil, drying agents (cobalt-free), carnauba wax*, beeswax*, cellulose, *as amino soap, sunflower oil*, fatty acids.

May cause allergic reactions. Natural paints are neither odourless nor emission-free. Current full declaration on www.auro.de.

Colour shade

Product has a milky appearance, but it dries after application to give a clear transparent layer. Gives wood a slight yellowish touch.

Application method

- Rolling, e.g. small pored sponge roller or short pile lacquer roller, or
- Brushing with paintbrush, synthetic or mixed fibre bristles, e.g. Chinex®, Orel (see AURO tooling assortment).

Drying time in standard climate (20 °C, 65% relative humidity)

- Can be processed after 24 hours.
- Final hardness after 10 days. Treat carefully and avoid humidity during this period.
- Drying is a process of oxygen uptake. Ensure plentiful and tempered air volume exchange during the drying process.

Density 1,00 g/cm³.

Hazard class Does not apply.

Viscosity Approx. 50 seconds (4mm flow cup DIN EN ISO).

Thinner Adjusted ready to use; can be diluted with water up to 50%.

Consumption rate

Aprox. 0,04 l/m² per coating Consumption rates vary depending on substrate, manner of application and surface quality.

Cleaning of tools Immediately after use paint-out the work utensils and clean thoroughly with warm water and AURO plant soap No. 411*. Remove strongly adhering product residues by prolonged soaking of the work utensils in a soap solution which has a concentration of about 5%; if needed use AURO Orange oil No. 191*. Then rinse with water.

Storage stability At 18°C in unopened original container: 24 months.

Packaging material

Tinplate. Only recycle completely empty containers with dry products residues.

Disposal

Liquid residues: EWC code 080112, EWC designation: Paints. Return only containers emptied completely and containing dried product residues for recycling. Dispose of only dried product residues, either as dried paint or with household wastes.

Attention

EU-VOC limit value 2004/42/EG II A (fWb) 130 g/l (2010), product-VOC < 10 g/l. GISBAU GISCode W1 water-dilutable surface treatments, solvent-free. Risk of spontaneous combustion due to drying oils: Do not crumple used cleaning rags, etc., but allow them to dry by spreading them out singly, or store in a metal container closed airtight. Normal protective measures must be taken, e.g. protect skin from contact and ensure sufficient ventilation during processing and application. Store out of reach of children, cool, frost-free, dry and closed. For more details see Safety Data Sheet and Technical Data Sheets.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates Wood, wood based products.

1.2 General substrate requirements Substrate must be firm, chemically neutral, clean, dry, adhesive, oil- and grease-free, contain no separating, coloring, drying-retardant and bleeding-through components.

1.3 Substrate preparation

Use only rust-free utensils when grinding.

1.3.1 Wood and wood based materials

- Solid wood: for very high quality wood surfaces or for wood surfaces exposed to heavy use, water slightly and leave for drying for min. 60 min. Sand towards the fibre direction gradually changing the grit size, until the required surface has been reached (e.g. furniture 240, for flooring 150 grit). Brush out the pores in the direction of fiber and remove the sand. If needed, round the edges. Remove the remaining impurities and finely sand again, if necessary.

- Wood reach on substances, on resin or grease is to be washed with an alcohol solution and sanded again.

- For wood based materials, such as layered glued fiberboard or the like, observe the coating instructions of the producer.

1.3.2 Worn out, but mostly sound oiled and/or waxed surfaces (maintenance)

- Clean the surface thoroughly, pre-sand and afterwards sand finely, remove sand dust.

- Restoration of partial areas is possible; color differences may appear depending upon the product used and the wear grade of the surface.

1.3.3 Heavily worn out, damaged surfaces and existing old layer-building coatings (glazes, lacquers)

Remove the old coatings completely until the intact substrate has been reached. Further preparation of the substrate as described under 1.3.1.

Floorings: Under some unfavorable circumstances, if the oil penetrates the material joints, it may cause stiff bonding of the wooden elements. This may bring about cracking of the floor and cause creaking noises. To avoid this, the surface should be treated with suitable cement filling for joints. Producer's instructions must be followed; a test treatment is to be carried out if necessary.

1.4. Basic treatment

Direct application on wood reach in substances (e.g. oak, chestnut, cherry tree), on old coatings, on wood based materials, as well as high humidity, low temperatures, contact to liquids (also short-term), excessive application amount and lacking air circulation lead to considerable delays of drying and influence product qualities.

Use AURO hard primer No. 127* for raw solid wood containing little or no substances, conditionally for wood base materials.

Use AURO special primer No. 117* for raw solid wood reach in substances; for resin glued materials (OSB, MDF etc.), see publication *Universal pretreatment of woods rich in active substances* available under Service>Download on www.auro.de.

Depending on the product use, carry out intermediate grinding using sand paper (No.127*) or roughen using non-woven web (117*).

2. COATING SYSTEM

Apply AURO Wood wax No. 187 thinly and evenly (cross-coat), leave for airing for 20 to max. 60 min. Assure the water vaporisation. Afterwards polish off immediately. Attention Afterwards the wax surface cannot be polished anymore.

Polishing utensils: bolt cloth, non-fluffy cloth (cotton/linen); one-pad polishing machine: use a soft pad (yellow, beige or light blue, depending on producer). If needed, after 24 hours repeat the treatment with No. 187 thinned in water up to max. 50%.

REMARKS

- For the planning and the execution of the coating work the general state of the art is to be considered. All coating work should first be coordinated with the type of object involved and the use to which it is put.

- Before product application, check substrate for suitability and product compatibility. Stir well before use.

- Products of varying batch numbers should be mixed together before use in order to compensate for possible batch differences.

- Some materials such as e.g. iron fillings and iron dust may cause discoloration; any contact must be avoided.

- Processing temperature min. 10°C, max. 30 °C, max. 85% rel. humidity, optimum 20-23 °C, 50-65% rel. humidity.

- Wood moisture content max. 12% in hardwood 15% in softwood.

- Avoid exposure to direct sunlight, moisture influences and dirt during application and drying process.

- Take the yellowing effect, typical of this product, into account.

- Products containing oil are thermoplastic, and soften when warm. Make sure the product has dried through completely before exposing the surface to stress.

- For optimum, lasting protection, the surfaces must be checked and cared for regularly; repair damage immediately.

* 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: 15.02.2013 technical data |14.08.2013 full declaration