AURO One-off oil wax No. 125

Type of material
Solvent-free oil-wax for sole treatment, without wood preservatives.

Intended purpose
- For priming of absorptive surfaces to be treated with washing products.
- For sole treatment of wood and wood based materials, for normal to heavily used surfaces.
- Interior use only, not suitable for surfaces exposed to weathering conditions.

Technical properties
- Tested according to DIN EN 71, part 3, "Safe for toys"
- Improves the abrasion resistance of the substrate
- Reduces the vulnerability to dirt
- Very high long-term durability

Composition
Wood oil; linseed oil; carnauba wax; mineral fillers; sunflower oil; castor stand oil; castor oil, hardened; fatty acids; drying agents (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.

Colour shade
Transparent, a slightly honey-coloured tinting effect on wood. Tintable with AURO Colour concentrates for natural resin oils No. 150* up to 5% max. The stain tones differ in appearance when applied to different woods, so that a test coat is always advisable.

Application method
By brush, roller or spatula.

Drying times in standard climate (23°C/65% rel. air humidity)
- Removal of residues and/or surface polishing: within approx. 60 minutes; dust dry: after approx. 10 hours; re-coatable: after approx. 24 hours; resistant to light usage / accessible for walking: after approx. 24 hours.
- Full hardness: after approx. 2-4 weeks. Treat carefully during this period and do not expose to moisture.
- High air humidity, low temperatures, exposure to water or liquids (even short-term), high application volumes and insufficient air supply cause significant delays of the drying process and influence the technical qualities of the product negatively.
- The drying process is initiated by oxygen uptake (oxidation). This results in product-specific odours and emissions; it is therefore absolutely necessary to provide for sufficient and tempered ventilation during the entire drying time.

Density Approx. 0.97g/cm³.   **Hazard class** Does not apply.   **Viscosity** Approx. 17 dPas.

Thinner Ready to use, dilutable with AURO Orange oil No. 191* up to max. 30%.

Consumption rate
- 0,02 l/m² on "low absorbency" wood types (e.g. oak, maple, ash),
- 0,04 l/m² on "normal absorbency" wood types (e.g. beech, pine, spruce, birch, larch) and OSB goods,
- 0,05 l/m² on "high absorbency" wood types (e.g. alder, cherry), wood veneer and heat-treated woods.
Consumption volumes depend on substrate, processing method, surface quality. Determine exact consumption on sample.

Cleaning of tools Immediately after use remove product residuals and wash with AURO Orange oil No. 191*. Wash thoroughly with water and AURO Plant soap No. 411*.

Storage stability Store dry, cool, above freezing point in closed containers and keep out of reach of children. Storage stability at 18 °C in original closed containers: approx. 24 months.

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

Disposal Liquid residues: EWC code 080112 or 200128, designation: Paints. Return only containers emptied completely or containing dried product residues for recycling. Dispose of only dried product residues, either as dried paint or with household waste.

Attention

EU-VOC limit value 2004/42/EG II A (fLb) 700 g/l (2010), product-VOC =‹ 1 g/l.
Danger of self-ignition of drying oils. Consequently, do not crumble used cleaning cloths and the like. Spread them out for drying or store them in an air-tight closed metal container. Observe the customary protective measures, e.g. ensure adequate skin protection and ventilation during application. See Safety Data Sheet and Technical Data Sheets. GISBAU product code Ö10.

Technical recommendations for application
AURO One-off oil wax No. 125

1. SUBSTRATE
1.1 Suitable substrates Wood (not suitable for cross-grained wood), wood based materials (not suitable for MDF), interior only.
1.2 General substrate requirements Substrate must be solid, dry, chemically neutral, absorptive, free of grease, clean, adhesive and free of substances bleeding through.
1.3 Substrate preparation
1.3.1 Wood and wood based materials
- Solid wood: for particularly high quality and/or heavily used surfaces, slightly soak wood in water and leave for drying for at least 60 min.
- Sand wood finely in the direction of fiber, gradually changing the grit size, until the desired smoothness has been reached (mesh grit size 120-320). 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.
Floorings: Under some unfavourable 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.
1.3.2 Worn out, but mostly sound oiled and/or waxed surfaces (maintenance)
Clean the surface thoroughly, pre-sand and afterwards sand finely, remove sand dust.
A partial restoration 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.

2. COATING SYSTEM
2.1 Initial coating and final coating
- Do not allow the product to penetrate material joints, recesses and similar, as the drying process is considerably slower here.
- Apply the product evenly; use brush or roll; do not pour directly onto the surface.
- On poorly absorbing substrates can be diluted with max. 20% AURO Orange oil No. 191*.
- On highly absorbent substrates (or spots), compensate for the absorbed oil adding more product wet on wet (up to 4x).
- Remove all excess material that has not penetrated into the substrate before the drying begins, at the latest within 60 minutes, using non-fusing rags, rub in and distribute evenly with a beige or white pad, polish out completely. On flat, large surfaces, remove with a (stainless) spatula or use a ductor to collect the excess oil beforehand if required.
- Generally the surface must be polished out within 60 minutes.
- Do not work with layers; product must penetrate completely into the substrate, do not build up a film.
- Do not apply next coat until drying is finished, at the earliest after approx. 24 hours.
- For colored initial treatment on heavily used surfaces, a transparent after-treatment is necessary.
2.2 After-treatment (not compulsory)
- Sand surfaces with intermediate, then fine paper (e.g. for furniture 240 grain, for floors with sanding screen 180 grain).
- Apply not thinned product very sparingly (e.g. with a rag or white polishing pads). Remove any excess carefully as described under 2.1.
Depending on the substrate material and the surface load, the following final coating treatments can be used alternatively: Hard wax No. 171*, Furniture balsam No. 173*.

3. CLEANING AND MAINTENANCE
3.1 Maintenance cleaning
Wipe the surface with lukewarm water. Do not use abrasive cleaning utensils (no active or microfiber fabric). Depending on degree of dirtiness and type of usage, various additional cleaners may be used, such as AURO Floor cleaner No. 427* or Paint and stain cleaner No. 435*.
3.2 Maintenance care Depending on the final coat, use AURO Floor care No. 437*, Floor care emulsion No. 431* or Wooden floors cleaning and care No. 661.
3.3 Refreshment Depending on the final coat, use AURO One-off oil wax No.125 or Care wax No. 107*.

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. 10ºC, max. 30 ºC, max. 85% rel. humidity, optimum 20-23 ºC, 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.