

AURO 2 in 1 Oil-wax PurSolid No. 128

Type of material

Solvent-free oil-wax coating for refinement and protection of wood surfaces, without wood preservatives.

Intended purpose

- As rational sole treatment for commercial users, for wood, wood based materials and cork; suitable for surfaces with normal to heavy degree of exposure to wear.
- As primer for absorptive surfaces to be treated with oil and wax products afterwards.
- Interior use only, not for surfaces exposed to weather conditions.

Technical properties

- Tested in accordance with DIN EN 71 Part 3, "Safe for toys".
- Improves the abrasion resistance of the substrate.
- Reduces the vulnerability to dirt.

Composition

Linseed oil, castor seed oil, carnauba wax, drying agents (cobalt free), bee wax. 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; produces a honey shade on wood.

Application method

Brush, roller or trowel.

Drying time in standard climate (20 °C, 65% rel. air humidity)

- Ready to be polished after approx. 10 min (depending on substrate, application method, quality of surface).
- Dust-dry after approx. 10 hours; re-coatable after approx. 24 hours.
- Final hardness is reached after approx. 4 weeks. Treat gently and avoid contact with liquids during this period.
- 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.

Thinners

Product is ready for use. For cold application, it may be thinned by adding max. 30% of AURO Orange oil No. 191.

Consumption rate

Approx. 0,03 l/m² per coating, depending 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 Storage stability at 18 °C in original closed containers: approx. 24 months. Store dry, cool, above freezing point in closed containers and keep out of reach of children.

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

Danger of self-ignition of drying oils. Consequently, do not crumple 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. EU-VOC limit value 2004/42/EG II A (flb) 700 g/l (2010), product-VOC = 1 g/l.

Technical recommendations for application

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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 grain size, until the desired smoothness has been reached (mesh grit size 120-320). Brush out the pores in the direction of fiber, remove the sand. If needed, round edges. Remove the 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 Cork Clean the substrate, prepare acc. to the instructions of producer (possibly sand slightly), remove the sanding dust completely.

1.3.3 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 restoration of a part of a surface is possible; color differences may appear depending on 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 old coatings completely until the intact substrate has been reached. Further preparation of the substrate as described under 1.3.1. – 1.3.2.

2. COATING SYSTEM

2.1 Basic 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.
- After 10-60 min, rub into the substrate evenly and polish out completely; use non-fusing rags or beige or white pad.
- 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.
- Used on cork may create an uneven surface due to an uneven structure of the cork material.

2.2 Final coating

- The final coating is generally necessary on the floors, for oiled or/and waxed surfaces exposed to heavy usage, as well as for very absorptive surfaces in other areas of usage.

- Carry out a slight intermediate and fine sanding if necessary (e.g. 240 grit for furniture, 180 grit for flooring)
- Apply undiluted product very sparsely (e.g. with cloth or white polish pad). Remove the residuals carefully as described under 2.1.
- Repeat if needed, until the complete saturation of the surface.
- After treatment only after drying, earliest after 24 hours.

Depending on the substrate material and the exposure to use, 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 a moist cloth 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. 43*1 or Wooden floors cleaning and care No. 661.

3.3 Refreshment Depending on the final coat, use AURO 2 in 1 Oil-wax PurSolid No. 128 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. 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 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: 01.05.2011 technical data | 08.08.2013 full declaration