

## Technical Data Sheet

### AURO 2 in 1 Oil-wax PurSolid No. 128

#### Nature of the Material

Liquid, transparent and solvent-free oil wax coating for internal use consisting of vegetable oils, resins and waxes.

#### Use

For the refinement and protection of interior wood surfaces, above all for wooden furniture; particularly as a sole treatment for rationalised application in trade and industry. Also suitable for floors.

#### Technical Properties

Liquid oil wax impregnant with good working properties and fast penetration which after polishing produces a silk finish which is pleasant to the touch without restricting the water vapour permeability and absorption properties of the wood. Easy to care for and easily renewed.

Natural products are not emission-free and produce a typical odour on account of the raw materials used in their formulation.

#### Composition

Linseed oil (from regional cultivation), linseed, castor and wood oil stand oils, dammar, glycerine esters of zinc, lime and colophony, carnauba wax, lecithin, drying agent. The information contained in our current full declaration is binding.

#### Colour Shade(s)

Transparent; produces a honey shade on wood.

#### Density

Approx. 0.94 g/cm<sup>3</sup>.

#### Hazard Classification

Not applicable.

#### Application Methods

By hot-spraying (optimum temperature: 82 °C), for example as follows:

Equipment	WIWA Hard Wax Hot Spraying System MK Hot Wax Pressure Tank System MK-Tronic Duoline Hot Wax Gun MK Hot Wax Gun
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Nebuliser air pressure 1.5 - 2 bar

Material pressure 1.5 - 2 bar

Spray nozzle 0.8 - 1.2 mm

Spray pressure, air pressure and nozzle sizes may be varied, depending on the spraying method and experience.

Cold application with a roller is also possible.

#### Viscosity

20 seconds (DIN 6 mm) at 20 °C.

#### Thinners

Product is ready for use. For cold application, it may be thinned with AURO Thinner No. 191.

#### Coverage

Average coverage approx. 0.03 l/m<sup>2</sup> per coat, can vary depending on the method of application, surface quality and nature of the surface. Exact coverage values should be determined on the actual object.

#### Polishing

The treated surfaces should be polished with a brush (e.g. sisal/leather mixture), cotton cloth, electric drill with a suitable buffing attachment, or similar.

#### Drying Time in Normal Climates

- Can be polished after approx. 10 minutes to 1 hour, depending on type of wood, primer and the application and polishing methods (final finish, matt to glossy silk).
- Final hardness is not achieved until after several days: during this time, the surface should be treated carefully and prevented from coming into contact with water.

The drying times quoted are based on normal climatic conditions (20 °C, 65 % relative humidity).

In cases of high humidity, low temperatures and application of excessive quantities, the drying time may be considerably prolonged. To prevent stickiness and delays in drying, the quoted coverage values should not be exceeded. The consumption should be checked during use. Drying is effected in part by absorption of oxygen, therefore adequate ventilation at a regulated temperature should be provided during application and drying.

#### Cleaning of Utensils

Clean rollers and spraying equipment using AURO Thinner No. 191 immediately after use. Following this, wash using AURO Plant soap No. 411 and rinse with clean water. Polishing brushes/rollers which are in constant use should be kept in a sealed container during longer interruptions to work.

#### Storage

Store in closed containers in a cool place protected from frost. Stored in the unopened container, the product is stable for approx. 2 years.

#### Packaging Materials

Container: tin-plated steel. Pouring spout, lid: polyethylene.

#### Notes on use

- Exposure to damp and direct sunlight must be avoided at all times during use.
- Minimum working temperature 12 °C.
- The moisture content of the wood must not exceed 15 %.
- Iron filings and iron dust can cause a discoloration of the treated surface, any such contact must therefore be avoided in all cases.
- Before using elastic sealants first check for compatibility with the product.
- Stir well before use and regularly during use.
- Products containing oils tend to be thermoplastic (soften on heating). When coating wood, therefore, ensure that the surface has dried out completely before stacking.
- The renewal interval is approximately 2 to 4 years, depending on the level of usage to which the surface is subjected.

#### Safety Advice

Soaked cleaning cloths and polishing utensils can self-ignite owing to their content of evaporating oils. Such items must therefore be kept in tightly closed metal containers or spread out individually to dry before being disposed of. Make provisions for adequate skin protection and ventilation during use. Provide intensive ventilation (cross-ventilation) when applying to large surface areas. Even natural paints and varnishes must be kept out of the reach of children. Further information can be obtained from the information on disposal.

When working with other AURO products, please observe the appropriate Technical data sheets.

# Recommendations for Application

## AURO 2 in 1 Oil-wax PurSolid No. 128

### 1. SURFACE

#### 1.1 Suitable surfaces

All types of wood and wooden materials, mainly furniture.

#### 1.2 General requirement for the surface

The surface must be dry, smooth, firm, chemically inert, absorbent, clean and grease-free.

### 2. COATING SEQUENCE ON UNTREATED SURFACES (INITIAL APPLICATION)

#### 2.1 Preparation of the surface

- Clean the surface
- Sand finely and carefully (using at least grade 180-220).
- Thoroughly remove all dust.

#### 2.2 Primary treatment

No primary treatment is required.

#### 2.3 Final treatment

- Apply AURO 2 in 1 Oil-wax PurSolid No. 128. Observe coverage values. Do not remove any surplus.
- Polish after 10 minutes to 1 hour: the longer the period between application and polishing, the better will be the silk gloss finish.
- Surfaces subject to heavy wear and highly absorbent surfaces will require a second coat of AURO 2 in 1 Oil-wax PurSolid No. 128. In this case, the surface must be polished between the two applications.
- Treat floors after 2 weeks with undiluted AURO Floor care emulsion No. 431; apply AURO Floor care emulsion No. 431 thinly and polish off.

### 3. COATING SEQUENCE FOR RENOVATION OF THE COATING

#### 3.1 Type of surface: old coating on wood or wooden materials

##### 3.1.1 Preparation of the surface

- Remove the previous coating down to the bare wood using a suitable method (e.g. sanding, mechanical stripping or solvent stripping)
- Sand carefully using a fine abrasive and remove all dust

##### 3.1.2 Preliminary treatment

No preliminary treatment is necessary.

##### 3.1.3 Final treatment

As described under Section 2.3.

#### 3.2 Type of surface: heavily worn waxed surfaces in need of repair

##### 3.2.1 Preparation of the surface

If surfaces are heavily worn or damaged, the coating must be renewed entirely, whereby this can also be limited to the repair of partial areas. After removal of the coating using a suitable method, re-coat as described under Section 2.

### 4. DISPOSAL OF PRODUCT RESIDUES

In spite of its biological degradability, do not dispose of the product into waste water. Do not discard any residual product, but keep in a tightly closed container for re-treatment at a later time, or for use for another purpose. AURO products and their cleaning solutions used for cleaning equipment and utensils are comparable with household waste in terms of their constituents, and can therefore be composted in a dry state. Empty containers containing residues should be recycled. Current legal requirements for paints and paint residues must be observed. Disposal according to European disposal code: 080102, Waste paints and lacquers not containing halogenated solvents.

### 5. Cleaning and care

- Prevent water from coming into contact with the surface during the first 4 - 6 weeks after coating.
- It is recommended to treat floor surfaces 2 weeks after wax treatment with undiluted AURO Floor care emulsion No. 431 by applying thinly and then polishing off.
- Regular care: wipe with a moist, but not wet cloth. AURO Floor care emulsion No. 431 may be added to the washing water.
- When caring for the surfaces of furniture, use AURO Cembra oil furniture polish No. 441 in addition.
- Remove heavy soiling with AURO Power cleaner No. 421.
- Where the wax film has worn only in places, renew the coating as described under 3.2.

This Technical data sheet has been compiled based on the recommendations of the General Association of German Painting and Decorating Trades. All of the information provided is the result of many years of research and practical trials. Its purpose is to inform and advise, but does not absolve the purchaser and user from the duty of performing their own tests to determine the suitability of the product for the intended application. For this reason, no liability may be inferred from this information. This Information Leaflet is valid until replaced by a new issue.

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# AURO