

AURO

Technical Information Leaflet

AURO Natural Oil Wax Impregnation No. 129

Nature of the Material

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

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.

Composition

Citrus peel oil, linseed oil (from regional cultivation), linseed, castor and wood oil stand oils, dammar, carnauba wax, glycerine esters of zinc, lime and colophony, silicate clay, beeswax, alcohol, Co/Zr drying agent (lead-free).

The information contained in our current full declaration is binding.

Colour Shade(s)

Transparent; produces a honey shade on wood.

Density

Approx. 0.88 g/cm³.

Application Methods

By spraying (compressed air, airless, air mix, etc.), examples are as follows:

<i>Spray method</i>	<i>Aircoat</i>	<i>Compressed air</i>
Equipment	GM 2600/Wagner	Sata LM-92
Spray pressure	160 - 180 bar	-
Air pressure	2.0 bar	1.5 - 2.0 bar
Spray nozzle	7/40*	1 - 1.5 mm

* Finer atomisation is achieved if hot-sprayed at 40 °C

Application with brush or roller is also possible.

Viscosity

14 seconds (DIN 4 mm) at 20 °C.

Hazard Classification

VbF AII (ignitable. Flame point: approx. 48 °C).

Hazard class for road/rail: Class 3, Number 31c.

Thinners

Product is ready for use, but may be thinned with AURO Vegetable Balsam Thinners No. 191.

Coverage

Average coverage approx. 0.03 - 0.06 l/m² 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

a) Can be polished after approx. 10 minutes to a maximum of 24 hours, depending on type of wood, primer and the application and polishing methods.

b) Final hardness is not achieved until after several days: during this time, the surface should be treated with care.

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.

Cleaning of Utensils

Clean rollers and spraying equipment using AURO Vegetable Balsam Thinners No. 191 immediately after use. Following this, wash using AURO Vegetable 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.

Information for use and Safety Advice

Minimum working temperature 8 °C. Product is combustible and can form ignitable vapours during use. Keep away from sources of ignition. **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. When applying the product to large surface areas, provide **intensive ventilation** (cross-ventilation) on account of the large quantity of essential oils evaporating.

Even natural paints and varnishes must be kept out of the reach of children. In spite of its biological degradability, do not dispose of the product into waste water.

Recommendations for Application

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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 and thoroughly remove all dust.

2.2 Primary treatment

No primary treatment is required.

2.3 Final treatment

Apply AURO Natural Oil Wax Impregnation No. 129 (see reverse for application methods). Observe coverage values. Do not remove any surplus. Polish after 10 minutes to 24 hours: 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 possibly require a second coat of AURO Natural Oil Wax Impregnation No. 129. In this case, the surface must be polished between the two applications.

Treat floors after 5 days 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

Do not discard any residual product, but keep in a tightly closed container for re-treatment at a later time. AURO products are otherwise comparable with household waste in terms of their constituents, and can therefore be composted in a dry state. However, disposal in accordance with current legal requirements for paints and paint residues is prescribed for these products.

5. CLEANING AND CARE

For regular maintenance use AURO Floor Care Emulsion No. 431, polish up again using a rag ball, polishing brush or polishing disc. Remove heavy soiling with AURO Wax Balsam Cleaner No. 421. Where the wax film has worn only in places, it may be rewaxed separately.

This Technical Information Leaflet 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. Issue date 31.01.1995.

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