

AURO Natural Resin Oil Primer No. 611

AURO Natural Resin Oil Wax No. 621 – water-thinnable

Use/Properties

Water-thinnable, transparent emulsion manufactured from vegetable resins, waxes and oils.

AURO No. 611: As a primer and for sole treatment of untreated solid wood indoors.

AURO No. 621: As a waxing surface treatment and for the protection of all types of solid wood surfaces indoors.

Composition

Water, linseed oil, linseed-tung stand oil, beeswax and carnauba wax, dammar, zinc, lime and colophony ester, shellac, oil resin wax soaps, borate, milk casein, alcohol, essential oils, orange oil. The information contained in our current full declaration is binding.

Colour hue

Transparent; light honey hue. These products preserve the wood colour to the greatest possible extent. Incompatibilities may occur with some dark woods such as walnut and mahogany (e.g. white deposits in the pores). Preliminary tests should therefore be carried out in all cases.

Application methods

Apply with paintbrush (e.g. special water-stain paintbrush), sponge or a rag ball. Spray methods are particularly suitable:

Spray method	Air Coat	Compressed air
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 40-50 °C.

Drying time in normal climates (20 °C, 60 % relative humidity)

- The products penetrate very quickly and should therefore be applied promptly, evenly and in the direction of the grain.
- AURO No. 611 is dry and re-coatable after approx. 1 hour.
- AURO No. 621 can be polished after approx. 1 hour.
- Final hardness of these products is achieved after approx. 4 weeks: during this time, the surface should be treated carefully.

Density	approx. 1,0 g/cm ³	Hazard Classification: not applicable
Viscosity	No. 611: approx. 30 seconds, No. 621: approx. 40 seconds (DIN 6 mm), at 20 °C	
Thinner	Products are ready for use. They can be diluted by up to 50 % with water	
Coverage	approx. 0,06 l/m ² per coat. Exact coverage values should be determined on the actual object. The coverage can vary depending on the nature of the surface, the method of application and the dilution ratio.	
Cleaning of utensils	Immediately after use with warm water and AURO Plant Soap No. 411*.	
Storage stability	Store in a cool and dry place, free from frost. Stored in the unopened container the product is stable for approx. 1 year.	
Packing material	tin plate.	
Disposal	Residues of AURO products are equivalent to household garbage on the score of their ingredients. However disposal in accordance with current legal requirements for paints and paint residues is prescribed for these products. EAK-Code 200112, EAK-designation: paints	
Safety advice	Soiled rags may ignite spontaneously (due to content of drying oils), therefore it is essential to spread-out rags for drying or to keep them in a tightly closed metal container. Store the product out of reach of children.	

Instructions for processing

- Optimum application temperature: 18-22 °C (not less than 12 °C).
- Avoid solar radiation and moisture during application and drying.
- Use with these products only compatible adhesives.
- For wooden materials such as layer bonded fibreboards, observe the coating instructions provided by the manufacturers.
- The renovation cycle is 2 to 4 years depending on stress. Renovation may be necessary earlier on exposed, strongly stressed surfaces.

Recommendations for Application

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1. SURFACE

1.1 Suitable surfaces: Solid wood.

1.2 General requirement for the surface

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

2. APPLICATION

2.1 Preparation of the surface

- Round off any edges, clean the surface and sand.
- To achieve a high quality surface, first moisten the surface using a sponge and allow to dry, then sand finely (e.g. grade 220) and brush out the pores in the direction of the grain. Carefully remove all dust.
- Woods rich in tanning agents (e.g. walnut or mahogany) or highly resinous woods should have to be washed out with AURO Thinner No. 219*.

2.2 Primary treatment

With AURO Natural Resin Oil Primer – water-thinnable – No. 611:

- To improve working properties, dilute with a maximum of 30 % water.
- Apply using a brush, sponge, rag ball or by spraying.
- Apply quickly and evenly and always in the direction of the grain
- Observe the coverage values, do not apply excessive quantities.

2.3 Final treatment

Lightly sand (e.g. grade 220), brush out the pores in the direction of the grain. Carefully remove all dust.

Following this, apply AURO Natural Resin Oil Wax – water-thinnable – No. 621:

- Dilute with a maximum of 30 % water
- Apply using a brush, sponge, rag ball or by spraying.
- Apply quickly and evenly and always in the direction of the grain
- Observe the coverage values, do not apply excessive quantities.
- Polish after drying with for example a woolpad or a non-fluffy and non-abrasive rag (see on the reverse side under Drying Time). This results in a glossy silk finish.

Alternatively when used as wall or ceiling treatment AURO Natural Resin Oil Primer (water-Thinnable) No. 611, can particularly be used for the final treatment. Apply as described under 2.2; it can be polished after drying to produce a matt silk finish.

3. COATING SEQUENCE FOR RENOVATION OF THE COATING

3.1 Type of surface: worn coating of AURO Natural Resin Oil Primer(water-thinnable) No. 611 orAURO Natural Resin Oil Wax (water-thinnable) No. 621

- Thoroughly clean the surface. Remove any surface blemishes using AURO Thinner No. 191*.
- In the case of heavily worn surfaces, strip the surface down to the bare wood using a suitable method, then re-coat as described in Section 2.

3.2 Type of surface: otherprevious coatings (e.g. AURO Hard Wax No. 171*, Larch Resin Furniture Wax No. 173* and Liquid Wax LM 981*)

- Remove the previous coating down to the bare wood using a suitable method (e.g. sanding, mechanical stripping or solvent stripping).
- Carefully remove all dust
- Then re-coat as described under Section 2.

4. CLEANING AND CARE

Maintenance: remove dust by wiping, brushing or vacuum-cleaning; revitalise the waxed surface from time to time by wiping with a moist cloth to which AURO Floor Care Emulsion No. 431* has been added. Heavily worn part areas should be renewed as described under Section 3.1.

* see corresponding technical data sheets.

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