

TECHNICAL DATA SHEET AURO White undercoat No. 933

Nature of the material

Undercoat for interior and exterior use.

Use

As an internal and external undercoat on wood and wooden materials following appropriate pre-treatment.

Technical Properties

Moderate viscosity, good spreading properties, high yield, slight thixotropic properties. Good adhesion, as well as filling properties.

Biological and ecological properties

Does not emit toxic vapours; free from chlorinated hydrocarbons and other persisting (non-decomposing) environmental poisons. No harmful degassing from the dried out paint layer, which is therefore safe even in direct contact with organisms. Natural raw materials possess a typical odour. Does not cause any significant build-up of static electricity. All constituents have been known to the human organism since evolutionary times, which equates to genuine long-term experience. Pure vegetable binding agents. Binding agents produced by the plant biochemistry using only natural sun energy (photosynthesis). Manufactured using gentle methods within the context of mild chemical processes and technologies which present no burden to the environment. Can be fully re-integrated into the established ecosystems. Presents no recognisable long-term risks to the environment.

Composition

Linseed (locally grown), linseed-stand oil, wood oil-, castor-, safflower-stand oil, dammar, zinc-, lime-, colophony-ester, titanium dioxide, talcum, kaolin, swelling clay, silicic acid, silicates, lecithin, Ca/Co/Zr-driers (lead-free), alcohol, orange oil

Colour shade(s)

White.

Density

Approx. 1.27 g/cm³

Viscosity

Approx. 110 seconds (DIN 4 mm) at 20 °C.

Hazard class

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

Application methods

By brush, roller or spraying equipment.

Thinner

Ready for use. Can be thinned if necessary with AURO Thinner No. 191*

Coverage

Approx. 0.10 l/m².

Drying time in normal climates

Touch dry after approx. 5 hours. Dry and re-paintable after approx. 36 hours. Final hardness is achieved after approx. 4-6 weeks. In cases of high humidity, low temperatures and application of excessive quantities, the drying time may be considerably prolonged.

Cleaning of utensils

Utensils should be cleaned using AURO Thinner No. 191* immediately after use.

Storage

Store in a cool place protected from frost. Stable under storage for approx. 1 year.

Information for use and safety advice

Stir thoroughly before use. Minimum working temperature: 8°C. Product is combustible and can form ignitable vapours during use. Keep away from sources of ignition. Make provisions for adequate skin protection and ventilation during use.

Soaked cleaning cloths 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.

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

Recommendations for application AURO White undercoat No. 933

1. Surface

1.1 Suitable surfaces

All types of interior surfaces consisting of wood, wooden materials following appropriate pre-treatment.

1.2 General requirement for the surface

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

2. Coating sequence (Initial application)

2.1 Preparation of the surface

Sand the surface and treat, if necessary, with AURO Borax wood preservative No. 111*.

2.1.2 Primary treatment

Treat the surface with AURO Impregnating primer No. 121*.

2.1.3 First intermediate treatment

Apply AURO White undercoat No. 933 evenly using a brush, a roller or by spraying. Apply AURO Paint filler No. 231* where necessary. Carefully sand after drying without damaging the edges (using grade 220) and remove all dust.

2.1.4 Final treatment

Apply a finishing coat of AURO White topcoat glossy No. 935* or satin mat No. 936*.

3. Coating sequence for renovation of the coating

3.1 Type of surface: weathered or damaged old paint coatings (repair)

3.1.1 Preparation of the surface

Using a suitable method, strip the old paint layer down to the intact wood.

3.1.2 Final treatment

Re-coat as described under 2.1-2.4, depending on the type of surface.

3.2 Type of surface: intact previously painted surfaces (maintenance)

3.2.1 Preparation of the surface

Thoroughly clean the surface, sand lightly and remove all dust. Previous coatings of water-thinnable synthetic resin paints can cause problems, as these are not easy to renovate.

3.2.2 Primary treatment

No primary treatment is necessary in the case of intact surfaces.

3.2.3 Final treatment

Treatment with AURO White undercoat No. 933 is not required in the case of intact previous paint layers.

For maintenance treatment, apply a final coat of AURO White topcoats No. 935* or 936*.

4. Disposal of product residues

Any residual amounts of AURO White undercoat No. 933 should not be discarded, but kept in a tightly closed container for re-treatment at a later time, or for use for another purpose. Otherwise, AURO products are 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.

* see corresponding technical data sheets

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 technical data sheet is valid until replaced by a new issue.

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