

AURO White topcoat, satin mat, Classic No. 936

Type of material/Intended purpose

Satin finish topcoat for finishing coats on wood, wooden materials and ferrous metals indoors.

Composition

Titanium dioxide, balsamic turpentine, linseed oil, mineral fillers, colophony glycerol ester with organic acids, orange oil, silica, drying agents (cobalt-free), sunflower oil, castor oil, lecithin, fatty acids, swelling clays, alcohol. 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 White.

Application method

By brush (also with automatic paint supply using Wagner-Farbmeister W 3000 S), by roller or spraying.

Spraying	High Pressure	Overspray reduced (HVLP)	Airmix
Nozzle size	1.0-2.0 mm	1.0-2.0 mm	acc. to manufacturer's specifications
Air pressure	3-5 bar	2-4 bar	acc. to manufacturer's specifications

Drying time in standard climate (20°C/60% rel. air humidity)

- Dust dry after approx. 6 hours, dry, sandable and overcoatable after approx. 24-48 hours, final hardness after approx. 4-6 weeks.
- High air humidity, low temperatures and too high spreading rates slow down the drying process considerably.
- Drying is also effected by oxygen absorption, therefore ensure sufficient air change during the drying process.

Density 1.34 g/cm³.

Hazard class Regulations on inflammable liquids (VbF): All inflammable. Flashpoint: Approx. 48 °C.

Viscosity Approx. 50 seconds (DIN 6 mm) at 20°C.

Thinner Ready for use, can be diluted with AURO Diluent No. 191*

Consumption rate

Approx. 0.08 l/m² per coat, may vary depending on application, surface quality and substrate. Determine exact consumption on sample.

Cleaning of tools Remove product residues from tools and clean thoroughly with AURO Diluent No. 191* immediately after use.

Storage stability At least 24 months at 20 °C in closed container; store cool but frost-free.

Packaging Tinplate: Completely empty containers can be recycled.

Disposal

The ingredients of dried product residues are comparable to domestic waste. However, disposal according to valid legal regulations for paint and varnish residues is required by law. EWC code 200112, designation: Paints, European Waste Catalogue.

Attention

Used rags or polishing pads are prone to self ignition (due to the content of drying oils) and must be spread out to dry and be stored in a firmly closed tin container. Keep out of reach of children. See Safety Data Sheet and Technical Data Sheets*.

REMARKS

- Tested according to DIN EN 71, part 3, "Safe for toys"; "Saliva and perspiration proof" according to DIN 53160.
- Application temperature: 12°C min., wood moisture must not exceed 15% max. Stir well before use.
- Discolouring of the treated wooden surfaces may be caused e.g. by iron filings and filing dust which is why all contact must be avoided.
- Direct sunlight and exposure to humidity must be avoided during the application.
- Check permanently elastic sealing compounds, e.g. on windows, for compatibility with the product before use.
- Only use adhesive tape compatible with the product.
- When coating window frames, the same number of coats must be applied indoors and outdoors (compensation of vapour-pressure gradient).
- When coating window frames, ensure that the coating is fully dry before closing the windows.
- Yellowing of purely white coatings is possible in case of surfaces exposed to thermal stress or little light incidence.
- When working with wooden materials such as layer-glued wood fibreboard or similar, observe the manufacturer's instructions for coating.
- The renovation cycle is 3 - 5 years depending on the stress level surfaces are exposed to. Exposed surfaces under high stress may require renovation coatings earlier.
- It is recommended to check surfaces regularly and to repair defective areas to ensure optimum protection.

Technical recommendations for application

AURO White topcoat, satin mat, Classic No. 936

1. SUBSTRATES

1.1 Suitable substrates Wood, wood based materials, ferrous metals indoors (but not suitable for surfaces exposed to thermal loads, e.g. radiators).

1.2 General substrate requirements Substrates must be solid, even, chemically neutral, dry, free of grease, clean and free of bleeding ingredients.

2. COATING SYSTEM (FOR INITIAL COATING)

2.1 Type of substrate Wood, wooden materials.

2.1.1 Substrate preparation Round off edges, clean and sand substrate.

2.1.2 Basic treatment Prime with AURO Special primer No. 117* and sand.

2.1.3 First intermediate treatment

- Apply White undercoat, Classic No. 933* according to instructions.

- Upon conclusion of the drying process, carefully carry out intermediate sanding (K220) without damaging the edges.

- Remove dust thoroughly.

2.1.4 Second intermediate treatment

- Apply AURO White topcoat, satin mat, Classic No. 936 evenly and, if necessary, to all sides.

- Too high spreading rates slow down the drying process considerably.

- Upon conclusion of the drying process, carry out light sanding and remove dust.

2.1.5 Final treatment Proceed as described in section 2.1.4.

2.2 Type of substrate Crude ferrous parts

2.2.1 Substrate preparation

- Clean substrates and sand thoroughly (grit size 60-120) to derust until shiny.

- Round off edges and remove dust. Do not use any rust converters.

2.2.2 Basic treatment Apply 1 even coat of AURO Natural resin oil rust protection primer No. 234*.

2.2.3 First intermediate treatment If necessary (e.g. in wet areas), apply AURO Natural resin oil rust protection primer No. 234*, otherwise the first intermediate treatment is not required.

2.2.4 Second intermediate treatment Proceed as described in section 2.1.4.

2.2.5 Final treatment Proceed as described in section 2.1.4.

2.3 Type of substrate Factory-primed ferrous parts

2.3.1 Substrate preparation

- Clean thoroughly, sand lightly with fine abrasive paper (grit size 180) and remove dust.

- Carry out a test application on factory-treated substrates.

- Check old coating for overcoatability, carry out test applications. If not suitable: Remove old coating entirely.

2.3.2 Basic treatment Not required for factory-primed ferrous parts.

2.3.3 Intermediate treatment Proceed as described in section 2.1.4.

2.3.4 Final treatment Proceed as described in section 2.1.4.

3. COATING SYSTEM (FOR RENOVATION COATING)

3.1 Type of substrate Weathered or defective old coating (renovation)

3.1.1 Substrate preparation

- Remove non-solid old paintwork entirely.

- Remove all greyed and damaged wood down to the solid wood.

- Check old coating for overcoatability, carry out test applications. If not suitable: Remove old coating entirely.

3.1.2 Subsequent treatment Apply a new coating system depending on the type of substrate as described in section 2.1-2.3

3.2 Type of substrate Intact old coating (maintenance)

3.2.1 Substrate preparation

- Clean surface thoroughly, sand and remove dust.

- Check old coating for overcoatability, carry out test applications. If not suitable: Remove old coating entirely.

3.2.2 Basic treatment Intact old coatings do not require priming.

3.2.3 Intermediate treatment Proceed as described in section 2.1.4.

3.2.4 Final treatment Intact old coatings do not require a final treatment, if necessary, proceed as described in section 2.1.4

4. CLEANING AND MAINTENANCE

Clean surfaces either with lukewarm water only or using AURO Paint and stain cleaner No. 435*. Do not use any lyes (e.g. ammonium solutions, soap suds) or highly abrasive cleaners and detergents.

* 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: 07.10.2009 technical data | 08.01.2014 full declaration | 24.04.2017 full declaration