

AURO White topcoat, glossy, Classic No. 935

Type of material/Intended purpose

Glossy topcoat for finishing coats on wood, wood based materials and ferrous metals indoors and outdoors.

Composition

Titanium dioxide, orange oil, linseed oil, dammar, wood oil, castor stand oil, colophony glycerine ester, dryers (cobalt-free), swelling clay, lecithin, 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	Air coat	Compressed Air	HVLP
Spraying pressure	100-200 bar	-	1.5 bar
Air pressure	2 bar	3.0 - 4.5 bar	1.5 bar
Spraying nozzle	Flat jet 11/40	1.3 - 2 mm	1.8 mm

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

- Dust dry after approx. 10 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 effected by oxygen absorption, therefore ensure sufficient air change during the drying process.

Density 1.12 g/cm³. **Viscosity** Approx. 50 seconds (DIN 6 mm) at 20°C.

Hazard class Regulations on inflammable liquids (VbF): All inflammable. Flashpoint: approx. 48 °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. Carry out a test application to assess the exact spreading rate.

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 material 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. Observe 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, glossy, Classic No. 935

1. SUBSTRATES

1.1 Suitable substrates Wood, wood based materials, ferrous metals, indoors and outdoors.

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, wood based materials.

2.1.1 Substrate preparation

- Round off edges, clean and sand substrate.
- All load-bearing and reinforcing timber must be treated appropriately.

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

2.1.3 First intermediate treatment

- Apply 1 even coat of AURO White undercoat, Classic No. 933*.
- 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, glossy, Classic No. 935 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 iron 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 Primer treatment Apply 1 even layer 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 Primer 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 no 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 Primer 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