

## TECHNICAL DATA SHEET

### AURO White topcoat, satin mat

### No. 936

#### Nature of the material

Topcoat paint, matt silk, for interior use.

#### Use

As a finishing coat on wood, wooden materials and ferrous metals.

#### Technical properties

Moderate viscosity, good spreading properties, high yield with high covering power, matt silk finish. Good adhesion, highly elastic, which can, however, lead to surfaces (e.g. window rebates) sticking slightly together when under pressure (so-called low blocking resistance). The natural vegetable oils can cause yellowing of surfaces subjected to low levels of light.

#### Composition

Linseed (locally grown), linseed-, wood oil-, castor-, safflower-stand oil, dammar, zinc-, lime-, colophony-ester, larch resinbalsam, gum mastic, 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. 1.34 g/cm<sup>3</sup>.

#### Viscosity

50 seconds (DIN 6 mm) at 20 °C.

#### Hazard class

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

#### Application methods

By brush, roller or spray.

#### Thinner

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

#### Coverage

Approx. 0.10 l/m<sup>2</sup>, depending on the nature of the surface: determine by trials on the actual object.

#### Drying time in normal climates

- Touch dry after approx. 6 hours
- Dry and re-paintable after approx. 24 - 48 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. The product is 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 topcoat, satin mat No. 936**

#### **1. Surface**

##### **1.1 Suitable surfaces**

All types of interior surfaces consisting of wood, wooden materials and ferrous metals (if not subjected to heat, such as radiators, heating pipes); 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 on untreated surfaces (Initial application)**

##### **2.1 Type of surface: wood and wooden materials**

###### **2.1.1 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\*. Sand lightly.

###### **2.1.3 First intermediate treatment**

Prime the surface with AURO White undercoat No. 933\* according to instructions. 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 Second intermediate treatment**

Apply AURO White topcoat, satin mat No. 936 evenly using a brush, paint roller or by spraying. In the case of brush or roller application, the paint can be thinned with a maximum of 5 % AURO Thinner No. 191\*. For spraying, adjust viscosity as required for the spraying equipment (in accordance with manufacturer's instructions). Observe coverage values. Application of excessive quantities leads to considerably prolonged drying times. After drying, sand lightly if necessary and thoroughly remove all dust.

###### **2.1.5 Final treatment**

As described under 2.1.4.

#### **2.2 Type of surface: bare steel surfaces**

##### **2.2.1 Preparation of the surface**

Clean the surface and carefully sand (grade 60 - 120) until bright and rust-free; remove dust. Do not use rust removal chemicals.

##### **2.2.2 Primary treatment**

Treat with AURO Natural resin oil rust protection primer No. 234\*.

##### **2.2.3 First intermediate treatment**

If necessary (e.g. in wet areas), apply a second coat of AURO Natural resin oil rust protection primer No. 234\*. First intermediate treatment is otherwise unnecessary.

##### **2.2.4 Second intermediate treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

##### **2.2.5 Final treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

#### **2.3 Type of surface: factory-primed steel surfaces**

##### **2.3.1 Preparation of the surface**

Thoroughly clean the surface and sand lightly (grade 180), remove dust.

##### **2.3.2 Primary treatment**

Not required in the case of factory-primed steel surfaces.

### **2.3.3 Intermediate treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

### **2.3.4 Final treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

## **2.4 Type of surface: galvanised steel surfaces**

### **2.4.1 Preparation of the surface**

Clean the surface using 5 % ammonia solution. Thoroughly rinse with clean water and allow to dry. Lightly sand (grade 220), remove all dust.

### **2.4.2 Primary treatment**

Not required in the case of galvanised steel surfaces.

### **2.4.3 Intermediate treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

### **2.4.4 Final treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

## **3. Coating sequence for renovation of the coating**

### **3.1 Type of surface: damaged old paint coatings (repair)**

#### **3.1.1 Preparation of the surface**

Strip off the old coating down to the intact surface using a suitable method.

#### **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 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 Intermediate treatment**

Apply AURO White topcoat, satin mat No. 936 as described under 2.1.4.

### **3.2.4 Final treatment**

If necessary, apply a further coat of AURO White topcoat, satin mat No. 936 as described under 2.1.4.

## **4. Disposal of product residues**

Any residual amounts of AURO White topcoat, satin mat No. 936 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.

## **5. Cleaning and care**

Clean the surface with a cloth moistened with warm water, or with a very mild solution of AURO Plant Soap No. 411\* (max. 0.2 % = 1 teaspoonful of soap in 1 l of water). Avoid intensive physical action when using cleaners.

\* 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 Information Leaflet is valid until replaced by a new issue.

Revised edition: 26.10.2006.