

## Rust protection primer No. 234

**Type of material:** Solvent-based rust protection primer for interior and exterior use.

**Intended purpose:** As a primer on untreated, derusted steel or metal parts. Follow-up treatment with AURO paints is required.

### Technical properties

- Easy to use
- Very economical
- Good flow properties, good adhesion
- Temperature resistance up to 80 °C

### Composition

Linseed oil, orange oil, mineral pigments, dammar, wood oil, mineral fillers, castor stand oil, colophony-glycerine ester, titanium dioxide, swelling clay, dryers (cobalt-free), fatty acids, lecithine, alcohol. Natural products are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on [www.auro.de](http://www.auro.de).

**Colour shade** Reddish brown

### Application method

With brush, roller or spraying equipment.

Spraying application:	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	fan nozzle 11/40	1,3-2 mm	1,8 mm

### Drying time in standard climate (23°C/ 50% rel. humidity)

- Dust dry after approx. 10 hours
- Dry, ready for sanding or re-coating after approx. 48 hours; final hardness after approx. 4 weeks.
- Significant drying delays are caused by high humidity, low temperatures and excessive application volumes.
- Drying is a process of oxygen uptake. Ensure plentiful air exchange during the drying process.

**Density** 1,15, g/ ml.

**Hazard class** UN1263, ADR3, ignition point 48°C.

**Viscosity** Approx. 40 seconds (DIN 6 mm) at 20°C. Solid state: approx. 68 %. VOC: approx. 32 %.

**Thinner** Product is supplied ready for use, can be thinned with up to 20 % of AURO Orange oil No. 191\*.

**Consumption rate** 0.06 l/m<sup>2</sup> per coat, corresponds to approx. 70 µm wet layer, approx. 55 µm dry layer. Determine exact consumption on sample.

**Cleaning of tools** Immediately after use with AURO Orange oil No. 191\*.

**Storage stability** At 18° C in unopened original container: 24 months. Store out of reach of children, cool, frost-free, dry and closed tight.

**Packaging material** Tin plate. Only recycle completely empty containers with dry products residues.

**Disposal** Liquid residues: EWC code 080111 or 200127. EWC designation: Paints containing hazardous materials.

### Warning

Product is combustible, can produce incensive vapours. R10 Inflammable. Risk of spontaneous ignition of drying oils. Spread used cloths, etc. individually out to dry or store them in a tightly closed tin can, do not crumple. R65 May cause lung damage if swallowed. R 62 If swallowed, do not induce vomiting, seek medical advice immediately and show this container or label. S51 Use only in well-ventilated areas. S23 Do not breathe vapour. Product code; M-LLO4, oil paints containing terpenes. See Technical Data Sheet, Safety Data Sheet.

### Remarks

- Minimum processing temperature 10°C, max. 30°C, max. 85% rel. humidity.
- Stir well before use.
- Avoid exposure to direct sunlight or moisture during processing.
- The product has a distinct typical smell.

# Technical recommendations for application

## Rust protection primer No. 234

### **1. SUBSTRATE**

#### **1.1 Suitable substrates**

Untreated, rust-free steel or iron elements.

#### **1.2 General substrate requirements**

The substrate must be dry, chemically neutral, clean, rust-free, adhesive and able to support the paint.

### **2. COATING SYSTEM (FOR INITIAL COATING)**

#### **2.1 Substrate preparation**

Clean substrate and thoroughly derust by sanding (grain: 60-120). Remove dust. Do not use rust converters.

#### **2.2 First application**

Apply evenly 1x with brush or roller. For spraying application, adjust product to spraying viscosity by use of AURO Orange oil No. 191. Provide excellent ventilation. Sand lightly after drying.

#### **2.3 Intermediate application**

1x as described under 2.2. Again let dry and sand lightly.

#### **2.4 Subsequent application**

Follow-up treatment with AURO paints, depending on the respective situation and required colour tone.

### **3. COATING SYSTEM (FOR RENOVATION COATINGS)**

#### **3.1 Substrate preparation**

Well-preserved surfaces that are adhesive and able to support paint: sand to matt. Remove rust and old coatings unable to support completely with a wire brush or grinding machine. Thoroughly level laps and imperfections in the surface.

#### **3.2 First application**

Treat the freshly derusted parts 1x with AURO Rust protection primer No. 234, as described under 2.2.

#### **3.3 Intermediate application**

Treat the freshly derusted and primed parts once again with AURO Rust protection primer No. 234, as described under

#### **3.4 Subsequent application**

Follow-up treatment with AURO paints, depending on the respective situation and required colour tone.

\* 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: 05.08.2011 technical data |14.08.2013 full declaration