

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, balsamic turpentine, colophony glycerol ester with organic acids, mineral pigments, mineral fillers, titanium dioxide, drying agents (cobalt-free), sunflower oil, castor oil, orange oil, fatty acids, swelling clays, lecithin, alcohol. Natural products are neither odourless nor emission-free. May cause allergic reactions. Current full declaration on 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 at 23°C/ 50% rel. humidity

- Dust dry after approx. 12 hours
- Ready for 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 1,18, g/ ml

Viscosity 35 seconds (DIN 6 mm) at 20°C.

Thinner Product is ready for use, can be thinned with AURO Diluent No. 191*.

Consumption rate 0.06 l – 0,08 l/m² per coat, depending on substrate, application method, surface quality. Determine exact consumption on sample.

Cleaning of tools Immediately after use with AURO Diluent No. 191*. Then wash thoroughly with water and AURO Plant soap No. 411*.

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.

Disposal Liquid residues: EWC code 080111, designation: paints containing solvents. Only recycle completely empty containers with dry products residues. Dried in product residues can be disposed of as cured paint or with the household waste.

Hazard class UN1263, ADR3.

Solvent content EU VOC value according to 2004/42/EC II A (ilb) 300 g/l (2010). Product VOC ≤ 300 g/l.

Warning 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. Liquid and vapour are combustible. Observe standard protective measures, e.g. provide for sufficient skin protection and ventilation during the application, wear respiratory equipment when sanding or spraying. Product code: M-DF 04, natural resin paints. Observe the information on the safe handling of the product, the labelling and hazardous substances contained in the Safety Data Sheet (download from www.auro.com) and on the product label.

Technical recommendations for application

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1. SUBSTRATE

1.1 Suitable substrates

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

2.1 Substrate preparation

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

Remove old coatings unable to support completely. Thoroughly level laps and imperfections in the surface.

Well-preserved surfaces that are adhesive and able to support paint: sand to matt.

2.2 First application

Apply evenly 1x with brush or roller. On interior surfaces only in special cases, e.g. in permanently wet areas.

For spraying application, adjust product to spraying viscosity by use of AURO Diluent No. 191*.

Sand lightly after drying and dust off.

2.3 Intermediate application

On exterior surfaces, as appropriate, evenly apply an additional coat.

Again let dry and sand lightly.

2.4 Subsequent application

Follow-up treatment with AURO Aqua paints 250*, 260* (260 only indoors), or AURO Classic paints 935*, 936*, depending on the respective situation and required colour tone.

PLEASE NOTE

- Avoid exposure to direct sunlight, moisture and dirt during processing and drying time.
- Minimum processing temperature: 10°C, max. 30°C, max. 85% rel. humidity; optimal is 20-23 °C at 50-65% rel. air humidity.
- Stir well before use.
- Carry out follow-up coatings promptly, following the recommended coating system. Do not expose unfinished coatings to longer weathering periods.
- Surfaces must be checked and maintained at least twice a year and defects be repaired immediately to provide for durable protection. Timely maintenance and repair provide for longer durability.
- Only use sealants and adhesive tapes that are compatible with the product.
- All coating work must be adapted to the given object and its use.

* 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.

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