

AURO COLOURS FOR LIFE Rust protection primer No. 519

Technical Data Sheet

Type of material

Water-dilutable, layer-forming anti-rust primer without solvent and titanium dioxide. Suitable for metal surfaces interior and exterior.

Intended purpose

As a primer on untreated, derusted steel or metal parts. Follow-up treatment with white or coloured lacquer paints from AURO's COLOURS FOR LIFE series is required.

Technical properties

- Easy to use
- Very economical, good adhesion
- Low dripping tendency, good flow properties

Composition

Water, Decovery®, mineral fillers, mineral pigments, silicates, cellulose, surfactants made of rapeseed oil and castor oil, xanthan gum, liquid ammonia, benzisothiazolinone, sodium pyrithione. May cause allergies. Current full declaration on www.auro.de/en.

Colour shade: Reddish brown

Application method

- Brushing, rolling (synthetic or mixed-fibre brushes, short-pile finishing rollers). AURO offers an assortment of high-grade tools.
- The Rust protection primer No. 519 can also be applied by spraying (high pressure, airless, mist-reduced). Tested with Wagner SF23Plus and pistol Vector Grip. Nozzle type Fine Finish TT3, nozzle size 410, gun filter red. Spray pressure 100 bar.

Drying time at 23°C/ 50% rel. humidity

Dust dry after approximately 2 hours, workable after approximately 6 hours, curing time approximately 24 hours. High air humidity can cause a delay in drying.

Density: 1,15 g/cm³

Thinner: Product is ready for use, can be thinned with max 5 % water.

Consumption rate

0.08 – 0.10 l/m² per coat, corresponds to approx. 70-90 µm wet layer. Consumption rates depend on substrate, processing method, surface quality. Determine exact consumption on sample.

Cleaning of tools

Immediately after use remove product residues from the tools by brushing out and wash with water. Remove stubborn product residues by soaking the tools for longer periods in soap solution (AURO Plant Soap No. 411*) and wash thoroughly with water.

Storage: Keep out of reach of children. Store cool, frost-free and dry in tightly closed container.

Storage stability: At 18° C in unopened original container: 24 months.

Packaging material: Tinplate.

Disposal

Return completely emptied containers for recycling. Only dried product residues can be disposed of as dried paint or with the household waste. Liquid residues: EWC code 080120, designation: paints, lacquers.

Attention

Product code: BSW10, coating materials, water-based, low in preservatives. Observe standard protective measures, e.g. provide for sufficient skin protection and ventilation during the application. Observe the information on the safe handling of the product, on labelling and hazardous substances contained in the Safety Data Sheet (download from www.auro.com) and on the product label.

Hazard class: Does not apply.

EU VOC value according to 2004/42/EC II A (dWb): 130 g/l (2010). Product VOC: <= 1 g/l.

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

1.3 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, non-adhering coatings that are 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.

1.4 First application

On interior or exterior surfaces, apply evenly one coat of Rust protection primer No. 519. Let dry and sand lightly, but do not sand through to the substrate.

1.5 Intermediate application

On exterior surfaces, as appropriate, evenly apply an additional coat.
Let dry and sand lightly, but do not sand through to the substrate.

1.6 Finishing application

Finishing treatment with 2 coats of AURO COLOURS FOR LIFE paints No. 516* (glossy) or 517* (matt).

PLEASE NOTE

- Check substrate on suitability and compatibility prior to paint application.
- 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.
- For optimum, lasting protection, the surfaces must be checked and maintained regularly and damaged areas repaired immediately.
- Always wear a dust mask during grinding work.
- 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. Status: June 2020