Technical Information RUST STOP Semi Gloss Colors



Active rust prevention by effective thick-film paint system in satin matt quality.

In the liquid-corrosion-inhibitor technology (LCI), a special system of integrated additives has been developed. These completely enclose the structures of the surface you want to paint and thus form a chemical connection. By this, the continuing oxidation stops and achieves a durable rust-protection. This rust protecting paint system combines 4 properties in 1 product:

1. Effective **primer** for perfect adhesion
2. Active **rust protection** by LCI technology
3. Highly covering **spray paint**
4. **Sealant** protecting from environmental influences

Adheres on nearly all surfaces, such as iron, blank and zinc-plated steel plates, copper, brass, aluminium (e.g. garden fences, gates, banisters, gardening tools etc.). Even applicable on tightly adhering rust and old paintings. Also applicable on wood, stone, GRP or glass.

Quality and properties

- Solvent-based thick-film paint system
- Saves precious working time: no derusting and repeated lacquering
- Reduced cost, as no anti-rust products necessary
- Longlasting corrosion protection
- Quick-drying
- Very good flow
- High coverage and filling power
- High elasticity
- Shock-proof and impact resistant after drying
- Excellent adherence
- UV-resistant, non-yellowing
- Weather-resistant, waterproof
- Successfully tested in salt spray test over 500 hours
- Variable broad jet atomisation for horizontal or vertical spraying and a wide, proper spray pattern

Physical and chemical data

- **Basis of the binder:** Nitro-combi
- **Colour:** specific
- **Smell:** solvent
- **Degree of gloss:** measuring angle 60° after DIN 67530
  Satin matt shades: 30 – 40 gloss units
- **Efficiency:**
  Depending on condition and colour of the ground,
  400 ml are sufficient for approx. 1.5 – 2.0 m²
- **Drying (at 20°C, 50% relative air humidity):**
  Dust-dry: after 10 minutes
  Dry to touch: after approx. 20 minutes
  Cured/coatable: after approx. 30 minutes
  Can be re-coated: after approx. 12 hours
  The drying time depends of temperature of surroundings, air humidity and thickness of the applied layer.
- **Temperature-resistance:** up to 80°C
- **Disposal:** Put only empty cans into the recycling bin. Bring cans with remainders of paint to the special refuse disposal.
- **Storage stability:**
  10 years if appropriate storage provided (=10°-25°C, relative air humidity max. 60%).
- **Contents:** aerosol cans with max. nominal volume of 400 ml

Environment and labelling

Environmentally compatible: European Aerosols is committed to apply formulations without restricted or critical ingredients and to achieve best possible performance. The caps and packagings are made of recyclable material.

Disposal: Please mind the residue inside the containers. Completely emptied containers can be used for recycling. If cans are not emptied, they should be disposed off as "special refuse".
Only for DE: In order to ensure a high reuse and recycling rate, the legislator requires, in accordance with §15 - VerpackG, Paragraph 1, the return of transport, sales or outer packaging, alternatively, however, deviating agreements can also be made.

Labelling: All products of European Aerosols comply with the current status of their labelling regulations. Classification and distinction takes place by the presently legal form of the **Globally Harmonized System of Classification and Labelling of Chemicals** (GHS) or rather by CLP 1272/2008/EG regulations. Our safety data sheets comply with the current form of REACH 1907/2006/EG, article 31 und appendix II,

Using instructions

The most DUPLI-COLOR spray paints have a so-called no-spray ring or a tamper-proof cap. This is to avoid unauthorized use. Please see the corresponding advises on the cap or on the label.
Before use, carefully read and observe the warning texts on the label!

Application

- Remove loose rust from surface by use of a wire brush.
- We recommend to sand smooth, blank metal surfaces slightly.
- Surface has to be clean, dry and free of fat.
- To improve the adherence, we recommend to prepare plastic parts with DUPLI-COLOR Plastic Primer.
- Shake can for 3 minutes.
- Test spray at an inconspicuous spot and test the compatibility.
- Mask off areas not to be painted.
- Spray several thin coats. Spray distance approx. 25 cm.
- **Do not spray on surfaces lacquered with synthetic paint!**

Tips for spray painting

Protect the object and the surrounding area from spray mist. When painting small areas it is recommended that a piece of card is used as a mask, with a hole cut in it slightly larger than the area to be sprayed. The mask should be held 1 to 2 cm from the surface. With this method, the mainly part of the spray mist is brought under control. It recommends to mask parts not to be lacquered, to protect the surrounding against the spray mist.

The aerosol can should have room temperature.

Temperature should range between +10°C and +25°C, max. air humidity 60 %.

Store in a dry place. Protect from direct sunlight and other sources of heat. Use only during dry weather, in places protected from the wind, and in well-ventilated rooms. Follow the warning texts on the labels!

Disclaimer of liability

This application-technological information is given to the best of our knowledge. The notes mentioned herein are, however, non-binding and do not exempt you from own tests to see whether the products supplied by us are suitable for your special application. The use and processing is beyond our control and therefore exclusively in the responsibility of the user. European Aerosols is let off the liability, unless the liability-based incident is caused by a fault incurred to European Aerosols.

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