Technical Information Zinc Spray



Cold galvanization against corrosion. Excellent rust-protection for all iron metals, such as car bodies, exhaust systems, gates, machines, metal housings, metal fittings, fences etc. Especially suitable for the protection of welding seams and metals which are exposed to corrosion.

For the colour-matching repair of zinc-plated surfaces, use DUPLI-COLOR Zinc-Alu-Spray art.no. 504433.

Quality and properties

- High-grade zinc coating with more than 90 % zinc share in the dry film
- Cathodic corrosion protection for all blank metals
- Resistant to highest demands against corrosion
- Highheat-resistant up to 600°C
- Particularly suitable for welding seams
- Ideal for all metals in outside places, which are liable to rust

Physical and chemical data

- **Basis of the binder:** Epoxyester
- **Colour:** zinc-coloured
- **Smell:** solvent
- **Degree of gloss** (at measurement angle 60° acc. to DIN 67530): matt, 5 gloss units
- **Efficiency:**
  Depending on consistence and color of the ground:
  400 ml are sufficient for approx. 1.0 - 1.5 m² at covering layer
- **Drying time** (at 20°C, 50% relative air humidity):
  Dust-dry: after approx. 10 minutes
  Non-sticky: after approx. 20 minutes
  Resistant to temperature: after 8-12 hours
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Temperature resistant:** up to 600°C
- **Storage stability:**
  10 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  aerosol cans, maximum nominal volume 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

Preparation of the ground:

- The metal surface has to be blank and free from fat.
- Due to the high density, the Zinc Primer has to be shaked for at least 2 minutes after you hear the noise of the mixing-balls. Otherwise the valve could block.

Lacquering:

- Shake the can vigorously for approx. 2 - 3 minutes.
- Test spray at an invisible spot.
- Apply several covering coats.
- Spray from a distance of approx. 25 - 30 cm.
- After drying (approx. 24 hours) apply primer and top coat.
- Do apply just thin coats to objects, which are exposed to high heat. If necessary, re-coat with temperature-resistant lacquer (test painting).
- Overpainting with other paints is not recommended.

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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