Technical Information RAL Acrylic Spray Paint



High-quality acrylic lacquer in standard shades according to the RAL standard. Exact matching paintings and repairs of small damages in RAL colours.

Specially for machines, engine parts, tools, all kinds of vehicles, steel furniture and much more.

This assortment includes besides many RAL and special shades a glossy and a matt clear coat.

Quality and properties

- High-grade acrylic quality
- Quick-drying
- Very good coverage
- Very good colour-matching
- Excellent adhesion on many materials
- Good flow, smooth surface
- Suitable for indoors and outdoors applications
- Polishable surface
- Weather-resistant, light-proof, UV-resistant
- Scratch-, shock- and impact-resistant

Physical and chemical data

- **Basis of the binder:** Acrylic copolymers
- **Colour:** diverse
- **Smell:** solvent
- **Degree of gloss** (at measurement angle 60° acc. to DIN 67530):
  glossy: 80 gloss units
  satin matt: 30 - 35 gloss units
  matt:5 - 10 gloss units
- **Efficiency:**
  Depending on consistence and color of the ground:
  12 ml for small spots
  150 ml are sufficient for approx. 0.3 - 0.6 m² depending on colour
  400 ml are sufficient for approx. 1.0 - 2.0 m² depending on colour
- **Drying time (at 20°C, 50% relative air humidity):**
  Dust-dry: Spray after approx. 10 minutes; touch-up pencil after 15 minutes
  Dry to touch: Spray after approx. 30 minutes, touch-up pencil after 40 minutes
  Coatable with 2-Coat Clear Lacquer: after approx. 30 minutes
  Cured: Spray after 2 hours, touch-up pencil after approx. 24 hours
  Can be polished: after approx. 24 hours
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Temperature-resistant:** up to 80°C
- **Storage stability:**
  Aerosols: 10 years, touch-up pencils: 5 years, if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:** touch-up pencils 12 ml, aerosol cans, maximum nominal volume 150 ml resp. 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 rust and dirt.
- The surface has to be clean, dry and free from fat.
- If necessary, apply a primer
- Cover areas not to be painted.
- Before use, shake the can resp. the touch-up pencil for 2-3 minutes.
- Test spray to check colour-matching and compatibility.
- Spray: apply from a distance of approx. 25 cm several thin cross-coats.
  Touch-up pencils: Apply a thin coat with the brush.
- Do not apply on synthetic paints!

Tips for spray painting

Protect the object and the surrounding area from spray mist.
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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