

Technical Information RAL Lacquer



This is a high-quality fast-drying acrylic lacquer system with excellent coverage in RAL standard colours.

Colour-exact lacquers and lacquer repairs to small areas available in high-gloss, semi-matt or matt colours for industrial and professional users.

For use on treated and untreated wood, metal, aluminium, glass, stone and various plastic surfaces.

We recommend pre-treating galvanised and untreated steel with MoTip Industrial Zinc Spray or MoTip Industrial Alu Zinc Spray.

Quality and properties

- High-grade acrylic quality
- Fast drying time
- Very good coverage
- Colour exact
- Excellent adhesion to several materials
- Long-lasting shine
- Good corrosion protection
- Good flow, smooth surface
- Ideally suited to spot welding
- Weatherproof, lightfast, UV resistant
- Scratch, shock and impact proof

Physical and chemical data

- **Basis of the binder:** acrylic
- **Colour:** diverse
- **Smell:** solvent
- **Degree of gloss:** (at measurement angle 60° acc. to DIN 67530):
glossy: 80 gloss units
satin mat: 30-35 gloss units
mat: 5-10 gloss units
- **Efficiency:**
Depending on consistence and color of the ground:
12 ml for small spots
400 ml are sufficient for approx. 1.0 - 2.0 m²
- **Drying time (at 20°C, 50% relative air humidity):**
12 ml:
Dust-dry: after approx. 15 minutes
Dry to touch: after approx. 60 minutes
400 ml:
Dust-dry: after approx. 10 minutes
Dry to touch: after approx. 30 minutes
Hard-dry: after approx. 2 hours
Polishable: after approx. 24 hours
The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Temperature resistance:** 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 400 ml

Environment and labelling

Environmentally sound: 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: Only the completely emptied cans should be put into the recycling skip or appropriate container for reclaimable refuse. Cans which are not empty should be disposed off as "special refuse".

Marking/Labelling: All products made by European Aerosols comply with the actual labelling regulations according to Preparation Guideline 1999/45/EG. All aerosols correspond to TRGS 200 and TRG 300 as well as to aerosol guideline 75/324/EWG in the actually valid version.

Instruction manual

Before use, carefully read and observe the warning texts on the label!

Pre-treatment of surface:

- The surface should be clean, dry and free of grease.
- Sand old paintwork and coated parts first.
- Pre prime.
- Once dry, sand with 600-grit sandpaper.

Painting:

- The surface should be clean, dry and free of grease.
- Bring can to room temperature.
- Operating temperature 15 to 25°C.
- Shake can for 2 minutes before use.
- Test on inconspicuous area.
- Keep a spraying distance of ca. 25-30 cm.
- Apply several thin layers.
- Shake can from time to time during use.
- Do not spray on surfaces coated with synthetic resins!

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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