Technical Information Synthetic Enamel



DUPLI-COLOR Synthetic-resin enamal varnish is a high glossy top on base of alkyd-resin that is suitable for indoor- and outdoor-applications. It is also shock-, weather- and impact-resistant. Easy to use, has a good flow with high covering capaticy and longlasting gloss stability. Suitable surfaces are wood (e.g. doors, furniture, fences, gates), metal (iron, zinc), mineral surfaces (e.g. walls, concrete, plaster) and coatable plastics; even suitable for coloured radiators with a flow temperature of +80°C.

Quality and properties

- Ease of use
- Good flow with high covering power
- Durable gloss stability
- Based on alkyd-resin
- Usable for indoor and outdoor applications
- Shock- and impact-resistant
- Good weather-resistance

Physical and chemical data

- **Basis of the binder:** Based on alkyd-resin
- **Colour:** various
- **Degree of gloss** (at measurement angle 60° acc. to DIN 67530): glossy
- **Efficiency:**
  ca. 75 ml per m²
  that means per 250 ml can: 2.5 - 3 m²
  per 750 ml can: 7.5 - 9 m²
- **Drying time (at 20°C, 65% relative air humidity):**
  Surface-dry after approx. 6 hours
  Coatable after 24 hours
  The drying time depends on surrounding temperature, air humidity and absorpitivity of the wooden ground. ?
- **Cleaning of tools:** immediately after use with a brushcleaner
- **Storage stability:**
  5 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%) in the unopened original container.
  Do not store below 5°C
- **Size:** metal tins 250 ml and 750 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

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

Preparation of the ground:

- The surface has to be bearing, dry, clean and free from fat and rust.
- Remove old flaking paintings which are not bearing.
- Equal small fissures and bumps with a suitable putty.
- Prime rough wood with wood impregnating ground.
- Pretreat iron and steel with rust-protection-primer.
- Thoroughly Clean zinc and galvanised surfaces with zinccleaner or household-cleaner with salmiakgeist.
- Basic coat
  Wood: with DUPLI-COLOR Wood Primer
  Metal: with DUPLI-COLOR Rust protection primer

Painting:

- Before application, always carefully stir up the paint
- Temperature of the object and surrounding temperature should be at least +5°C
- Brush, roll or spray (adjust to spray viscosity)
- Intermediate coat and final coat with this product with max. 3% synthetic thinner.
- Before you apply a final coat, slightly sand and clean the ground.

Order information

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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