

## Technical Information 1K Epoxy Primer



ColorMatic 1K Epoxy primer is an all-purpose 1K primer that provides excellent adhesion and corrosion prevention on sheet steel, zinc-coated steel, aluminium and anodised aluminium. It is fast drying with good flow and can be applied wet-on-wet. It also offers good insulation against humidity.

It is best to pre-clean metal surfaces thoroughly with [silicone remover no. 174469](#), for fibreglass surfaces use [plastic cleaner no.190261](#). For best corrosion-protection, we recommend using the [ColorMatic 2K epoxy primer](#).

### Applications:

Spot repair and refinishing parts.

## Quality and properties

- Excellent adhesion and corrosion protection for steel, galvanized steel, aluminium and fibreglass
- Simple, time-saving application
- Fast drying
- Good flow
- Recoat with ColorMatic pre-fill base paints and RAL-acrylic topcoats
- Good insulation against moisture
- Wet-on-wet application possible

## Physical and chemical data

- **Basis of binder:** Epoxy resin
- **Colour:** grey
- **Smell:** solvent
- **Efficiency:** 1 m<sup>2</sup>
- **Substrate:** blank metal sanded, zinc coated cleaned and sanded, aluminium, enodized aluminium, stainless steel, old paints cleaned and sanded, glass fiber materials cleaned and sanded, plastic substrates first priming with ColorMatic 1K Plastic Adhesive
- **Drying time (at 20°C, 50% relative air humidity):**  
Dust dry: 5 min  
Dry to touch: 15 min  
Hard dry: 30 min  
Sandable: approx. 20 min  
Coatable: 12-15 min
- **Temperature resistance:** to 90 °C
- **Storage stability:** 10 years if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:** Aerosol cans, maximum nominal volume 400ml
- **VOC value:** 274,5g

## 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!**

## Application

- Remove all rust from metal surfaces
- Clean surface with ColorMatic [silicone remover no. 174469](#), then sand
- Clean glassfibre surfaces with ColorMatic [Plastic Cleaner antistatic no. 190261](#)
- Shake the can well for 2 minutes
- Carry out test spray
- Damaged area must be free of grease, dust and dry
- **For professional use only**
- **Wear an appropriate respirator (recommended type A2/P3)**



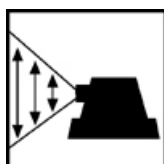
2 min



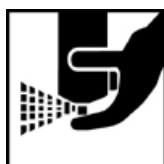
1-2=20-30µ



8-10 min



variable



approx. 15 cm



20°C=12-15 min

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**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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