

Technical information 1K Primer Filler



ColorMatic 1K primer filler is a fast-drying all-purpose 1K primer with excellent adhesion and corrosion preventive and filling properties for all metal surfaces and conventional plastics which are use in automotive. It can be welded and is re-sprayable with all standard water-based base-coats and 1K and 2K topcoat systems. It is fast drying and, depending on layer thickness, applicable both as a primer and a filler.

ColorMatic Primer Filler (HG1 to HG8) offers optimal time and material saving synergy for modern automotive refinishing. HG1 (white) is also suitable as a guide coat white when using dark primers/primer fillers. HG3 (grey, art.no. 856525) provides additionally very good adhesion to magnesium.

Before applying ColorMatic 1K Primer Filler, treat undercoat with [ColorMatic Silicone Remover no. 174469](#). If you set value on very good corrosion-protection at the same time fast drying time, we recommend the ColorMatic [2K Hi-Speed Grundierfüller](#).

Application:

Ideal for spot repairs and refinishing parts.

Quality and properties

- 1K primer filler with very good corrosion protection properties
- Filler and primer at the same time
- For isolation of sanded surfaces
- Short drying time
- Very good flow
- Weldable
- Recoat with ColorMatic water-and solvent-based paints as well as 1K and 2K topcoats

Physical and chemical data

- **Basis of binder:** polyvinyl butyral
- **Smell:** s. order information
- **Smell:** solvent
- **Efficiency:**
Depending on consistence and colour of the ground: 400 ml are sufficient for approx. 1,0 m²
- **Substrate:**
Bare sanded through areas in 2 K filler or 2 K old paints, putty spots sanded and cleaned, roughened and cleaned factory prime coats, roughened and cleaned factory or old paint jobs and can also be used on nearly all plastics.
- **Drying time (at 20°C, 50% relative air humidity):**
Dust dry: 8-10 minutes
Dry to touch: 15 minutes
Hard dry: 30-40 minutes
Coatable (wet-on-wet): 15-20 minutes
The drying time depends on surrounding temperature, air humidity and thickness of the applied coat
- **Temperature resistance:** to 250°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
- **VOC-value:** 168,6g

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".

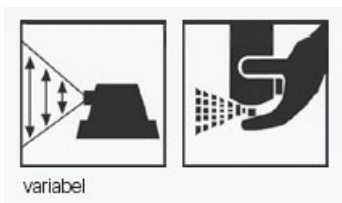
Only for DE: In order to ensure a high reuse and recycling rate, the legislator requires, in accordance with §15 - VerpackG, Paragraph 1, the return of transport, sales or outer packaging, alternatively, however, deviating agreements can also be made.

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!

- Remove all rust from damaged area, clean the surface thoroughly and sand
- Damaged area must be dry and free of dust and grease
- Clean undercoat with ColorMatic silicone remover no. 174 469
- Shake the can well for 2 minutes
- Carry out spray test
- Do not overcoat with polyester products
- For professional use only
- Wear an appropriate respirator (recommended type A2/P3)



Notes on priming

The 8 different colour shades of the 1K filler coat range are optimally adjusted to the respective colour shade and/or brightness level of the substrate. This results in improved opacity and colour tone accuracy while using up less material. This is an essential advantage when aiming at optimum results.



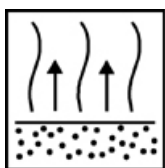
2 min



Primer 1=15µ
Filler 2-3
=30-60 µ



Primer 20°C
= 12-15 min
Filler 20°C
= 30-40 min



2-3 min



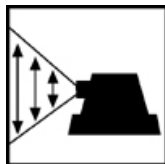
8-10 min



P800-1000



P400-500



variable



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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