Technical information 2K Hi-Speed Clear Coat, Glossy



ColorMatic 2K clear coat is a high-gloss, extremely scratch-resistant 2-component clear coat with very high resistance to petrol, UV rays and weathering. Due to its quick drying time, very good flow and easy polishing, ColorMatic 2K clear coat is particularly suitable for spot repairs. Use ColorMatic spot blender for spot repairs. Ready-filled ColorMatic pre-fill products can be recoated after 30-minute drying time. Previous paintwork has to be fully dry.

Application:
Ideal for spot repairs and refinishing parts

Click here for a demonstration of the 2 K technology in a video.

Quality and properties

- High-gloss, extremely scratch-resistant 2-component clear coat with very high resistance to petrol, UV rays and weathering
- Safe long-term corrosion and oxidation protection on metal substrates such as steel, zinc, aluminum, copper, brass, as well as ground and brushed stainless steel
- Long pot life
- Fast drying time
- Very good flow
- Easy to polish
- Best to use 200 ml can to avoid surplus

Physical and chemical data

- **Basis of binder:** Acrylic
- **Colour:** transparent
- **Smell:** solvent
- **Degree of gloss:** (at measurement angle 60° acc. to DIN 67530?
  glossy: 85 gloss-units
- **Efficiency:**
  Depending on consistence and colour of the ground:
  200 ml are sufficient for approx. 0,3 - 0,4 m²
  500 ml are sufficient for approx. 0,8 - 1,0 m²
- **Substrate:**
  solvent- and water-based base coats
- **Drying time (at 20°C, 50% relative air humidity):**
  Dust-dry: approx. 5 minutes
  Dry to touch: approx. 5 hours
  Hard-dry: 12 hours
  Polishable: 7 hours
  Coatable: 12 hours
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat.
- **Temperature resistance:** to 120°C
- **Storage stability:**
  36 month if appropriate storage provided (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  2 components aerosol cans, maximum nominal volume 200 and 500 ml
- **VOC-value:** 118,6g
- **Pot-life:**
  24 hours at room temperature (20 - 25°C)

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!

- Base coatings can be recoated with ColorMatic 2K hi-speed clear coat after drying for 30 minutes
- 2-3 full coats, 50µ
- Leave to dry for 2 minutes between coats

Mixing A components with hardener:

- Remove the protection cap from the bottom of the can and pull the pin out fully with the help of the inserted ring. This will release the knife, which will penetrate the wall of the aluminium cartridge.
- The cartridge will then rotate 360 °, be completely open and release the hardener.
- Shake the can vigorously to mix the A components with the hardener in the proper, predetermined ratio.

- Shake can vigorously for 2 minutes
- Carry out spray tests
- Pot life: 24 hours (20 ° C)

  Ready-to-use coating materials containing isocyanates can irritate the respiratory system and cause allergic reactions. There is a risk of sensitization with inhalation of vapours and spray mist. When dealing with substances containing isocyanates, you should observe all guidelines for using solvent-based coatings. In particular, spray mist and vapours should not be inhaled. Allergy and asthma sufferers and people who are prone to respiratory diseases should not work with isocyanates materials.

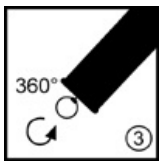
  - For professional use only
  - Wear an appropriate respirator (recommended type A2/P3)

Hints concerning application

For an optimal coating result bring can to temperature prior to use (20 - 25 °C) and a relative air humidity of 45 - 60%.
Please note: a high air humidity can cause loss of gloss.





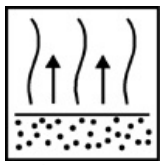




3 min



2-3=50µ



2 min



60°C=40 min
20°C= 7 h

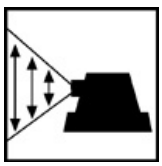


25 min



20°C=7 h
60°C=45 min
IR=30 min





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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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