Technical information 2K Slow-Speed Clear Coat, Glossy



The ColorMatic 2K Slow-Speed clear coat provides through the long hardener at larger areas ideal application advantages. The decelerated drying time of the clear coat surface remains longer open and is therefore absorptive for spray mist. Thereby it is possible to paint larger units and at higher temperatures. It is highly fuel-resistant, resistant to U.V.-rays and weather influences. It provides very good flow, ease of polish and brillant gloss. Use ColorMatic spot blender for spot repairs. Old paintwork has to be fully dry.

Application:
Ideal for spot repairs and refinishing parts and for the painting of whole components.

Here you can find the film for 2K explanation.

Quality and properties

- decelerated drying time, therefore the painting of larger areas is possible
- 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
- ideal for the painting at higher ambient temperatures (25°C - 35°C)
- very high resistance to petrol, UV rays and weathering
- brillant gloss
- long pot life
- 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: 90 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: after approx. 5 minutes
  Dry to touch: after approx. 10 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:** 123,3g
- **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 5 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.

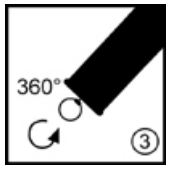
- For professional use only
- Wear an appropriate respirator (recommended type A2/P3)

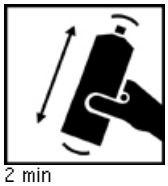
Hints concerning application

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.

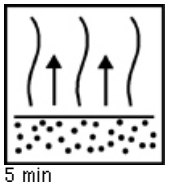


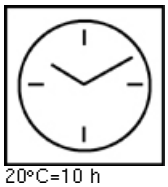




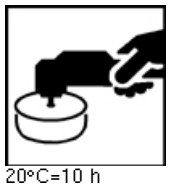

2 min


2-3=50µ

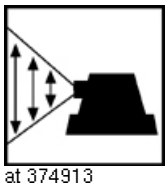

5 min


20°C=10 h
60°C=45 min


30 min


20°C=10 h
60°C=45 min
IR=35 min




at 374913





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.

As of February 17, 2020
This release replaces all eventually earlier issued versions.

Print date: 28.03.2024

European Aerosols GmbH | Kurt-Vogelsang-Straße 6 | 74855 Haßmersheim | info-de@european-aerosols.com