

Technical information 2K Hi-Speed Clear Coat, Glossy



ColorMatic 2K Headlight Clear Coat is a special high-gloss and super-transparent 2-component clear coat with very high resistance to chemicals like washer fluid. It prevents highest UV protection, is extremely scratch-resistant and seals and protects the plastic surface about several years.

Application:

For the quick and easy restoration of the high-gloss paint coat on plastic headlight lenses made from Polycarbonate. Suitable for front as well as for back lights.

Click [here](#) for a demonstration of the 2 K technology in a video.

Quality and properties Physical and chemical data

- Special high-gloss and super-transparent 2-component clear coat
- Very high resistance to chemicals like washing fluid
- High UV protection
- Long pot life
- reliably 2K technology for highest durability
- Seals and protects the plastic surface against weathering and yellowing over several years
- Headlight restoration on professional level
- Extremely abrasion- and scratch-resistant
- Also in the content of [ColorMatic Headlight set](#)
- **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: after approx. 5 minutes
Dry to touch: after approx. 5 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)

Disposal and labelling

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!

- Leave to dry for 5 minutes between coats
- 1-2 coats are recommended

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)

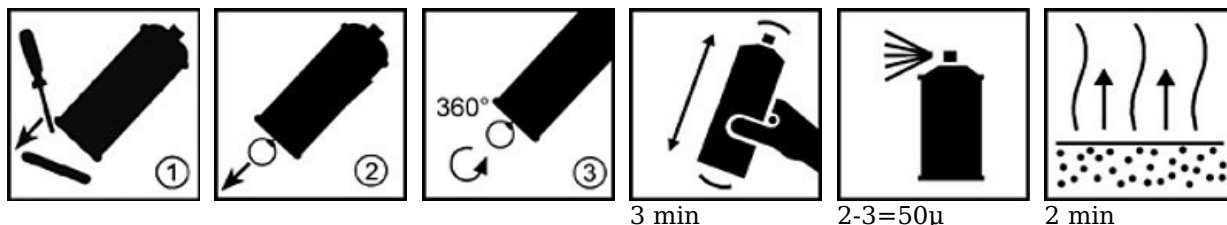
Ready-to-use coating materials containing isocyanates can irritate the respiratory system and cause allergic reactions. There is a risk of sensitization with inhalation of vapours and spray mist. When dealing with substances containing isocyanates, you should observe all guidelines for using solvent-based 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.





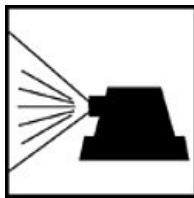
60°C=40 min
20°C= 7 h



25 min



20°C=7 h
60°C=45 min
IR=30 min



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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