Technical manual 2K pre-fill HS Topcoat



The ColorMatic pre-fill spray paint is prefilled with propellant and specific additives and then filled by VitoMat filling machines with the desired coat. Innovative spray and valve technology guarantee the fine broad jet atomisation, a high application rate and constant pressure for best workmanship and professional-quality end results.2K hs topcoat pre-fill offers the highest quality in terms of gloss, drying, and weather and petrol resistance.

Quality and properties

- A spray can prepared with proellant gas, solvents and hardener (isocyanate containing) in a separate pre-filled cartridge. The 2K HS Topcoat is inserted in the can by a filling device and thus ready for the finished product
- The mixing of the 2K topcoat with the hardener achieves an optimal quality with respect to gloss, curing, weather and chemical resistance
- Simple, time-saving application
- Excellent atomisation
- Light blending

Ideal for spot repairs

Physical and chemical data

- **Basis of binder:** Acryl
- **Colour:** depending on filling
- **Smell:** solvent
- **Efficiency:**
  Depending on consistence and colour of the ground:
  400 ml are sufficient for approx. 0,8 m²
- **Substrate:**
  according to colour of the ground 1K Primer Filler HG1 - HG8, ColorMatic 2K Hi-Speed Primer Filler no. 195 327, ColorMatic 1K Primer for ALU no. 190 278, ColorMatic 1K Primer for Zinc no. 190 285, ColorMatic 1K Epoxy Primer no. 174 414, ColorMatic 1K Filler, beige no. 856 556, ColorMatic 1K Filler, grey no. 874 987, cured paints sanded
- **Drying time (at 20°C, 50% relative air humidity):**
  The drying time depends on surrounding temperature, air humidity and thickness of the applied coat and filled type of paint (refer to information of the paint manufacturer)
- **Storage stability:** empty cans 36 month
  Pot life filled cans approx. 12 h (=10°-25°C, relative air humidity of max. 60%)
- **Size:**
  Aerosol cans, maximum nominal volume 400 ml, filling amount 100ml for TC-1 230677, TC-2 249457, TC-4 249471 and 80ml for TC-5 249464.

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!

- Clean the surface to be painted thoroughly with ColorMatic silicone cleaner no. 174469, then sand
- Larger bare surfaces must be pre-primed with the appropriate ColorMatic primer
- The area must be dry and free of dust and grease
- Shake can vigorously for 2 minutes

Mixing A components with hardener:

- Remove 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 test
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- Pot life: 24 hours (20 ° C)

Ready-to-use coating materials containing isocyanates can exert an irritant to the respiratory system and cause allergic reactions. Inhalation of vapours and spray mist is a risk of sensitization. When dealing with substances containing isocyanates all measures for solvent-based coatings are considered. In particular, spray mist and vapours are not inhaled. Allergy and asthma sufferers and people who are prone to respiratory diseases should not perform work with isocyanates materials.

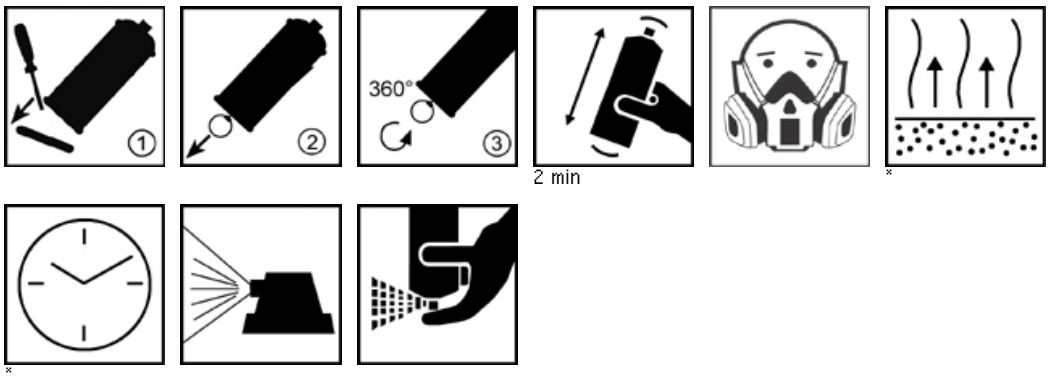
Tips for spray painting

Protect the object and the surrounding area from spray mist. When painting small areas it is recommended that a piece of card is used as a mask, with a hole cut in it slightly larger than the area to be sprayed. The mask should be held 1 to 2 cm from the surface. With this method, the mainly part of the spray mist is brought under control. It recommends to mask parts not to be lacquered, to protect the surrounding against the spray mist.

The aerosol can should have room temperature.

Temperature should range between +10°C and +25°C, max. air humidity 60 %.

Store in a dry place. Protect from direct sunlight and other sources of heat. Use only during dry weather, in places protected from the wind, and in well-ventilated rooms. Follow the warning texts on the labels!



*Pay attention to manufacturer's instructions/ Angaben des Lackherstellers beachten

Order information

Overview paint manufacturer

size	content	filling quantity	art.no.	description	recommended for	UP
400 ml	307 ml	100 ml	230677	TC-1	**Cromax** Centari HS 5035 **Standox** VOC car paint **Standofleet** 2K HS top coat **Nexa Autocolor** 2K top coat HS+ series P471 (lead-free) **Mason** CT 2K top coat S2000	6
400 ml	245 ml	100 ml	249457	TC-2	**Spies Hecker** Permasolid HS 270/HS 275 **Permafleet** HS 2K top coat series 670 + series 675 **Mason** CT 2K top coat S80	6
400 ml	300 ml	100 ml	249471	TC-4	**Glasurit** series 22 and row 68 **PPG** GRS Deltron UHS Progress row D60XX **Cromax** Imron Elite 3.5 VOC PU top coat **Selemix** 2K Acryl top coat 7-110 **Selemix** 2K PUR-Direct top coat (7-530, 7-536) **Salcomix** 2K HS primer filler 684 PRM-PUR **Salcomix** 2K PUR top coat 648/650/652 TPC-PUR **Salcomix** 2K Acryl top coat 729/730/732 TPC-ACR	6
400 ml	300 ml	80 ml	249464	TC-5	**Lesonal** top coat HS 420 **Sikkens** Autocryl **Mipa** OC 2K-PUR-car paint HS **Valspar** MI 2K Acryllack 2:1 **De Beer** 2K top coat Serie 3000	6

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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