

:: 2K Clear VOC Matt

2K clear coat

CHARACTERISTICS

This new 2K matt Clearcoat is a clearcoat with a wide spectrum of applications. Use only with the 2K hardener for matt clearcoat "matt/silk fast" or "matt/silk standard".

APPLICATION

This matt clearcoat is suitable for the matt painting of single components. He can also be used for complete or plastic component coating.

PRODUCT DATA

MATERIAL DATA:

Colour: milk-white, opaque

Degree of gloss: 5 - 10 at an angle of 60°

V.O.C.: <555 g/l

Mixing ratio: 2:1

Spray viscosity: 17 - 19 sec. at 20°C, Ford cup 4 mm

Efficiency: 5 m²/l

Density: approx. 1,00 g/cm³

Pot life: approx. 120 minutes at 20°C with hardener standard
approx. 90 minutes at 20°C with hardener fast.

Shelf-life: 12 month

Flash point: + 23°C

Film thickness: 50 - 60 µm

Flash-off time at 20°C: 5 - 10 minutes

HANDLING**Substrate:**

Solvent - or water based basecoats or Uni-topcoats

Mixing ratio: 2:1

Mixing ratio by weight: 101 g A-componet : 48 gr. B-component fast and standard

It is strongly recommended to work within the complete system. Drying and adhesion problems can not be excluded by working with non-system thinner and hardener materials.

Processing:

Spray pressure 2,0-2,5 bar, nozzle 1,2 mm, e.g. SATA Jet RP or DeVilbiss GTI880

1. Spraying coat: Spray with good flowing, but not too thick layer.
2. Spraying coat: Spray on a coat with good flow properties

Flash-off time 5 – 10 minutes after each spraying coat.

Drying Time:

Approx. 30 minutes at 60° C object temperature with hardener standard

Approx. 3,5 hours at 20°C object temperature with hardener standard

Approx. 15 minutes at 60°C object temperature with hardener fast

Approx. 3 hours at 20°C object temperature with hardener fast

Infrared drying:

Short and medium wave 10 minutes.

Polishing:

The matt clearcoat can not be polished.



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SAFETY ISSUES

The before mentioned technical data and information, especially the recommendations for applying and using our products, are based on our current knowledge and experience when applied under normal conditions. In practice, the materials, surfaces or site conditions are so different that no warranty regarding the working results or liability, arising out of any relationship, can be inferred neither from this information nor from a verbal consultation, except we are charged with intent or gross negligence. In this case the user is obliged to prove that he has informed us about all points required for a proper and promising judgement in writing, in time and completely. Patent rights of any third party are to be observed. Furthermore, our general sales and delivery Terms and Conditions and the latest Technical Data Sheet, which should be demanded, apply.

Directions for handling and waste disposal are in our Material Safety Data Sheet and the specifications of the Employers Liability Insurance Association for the chemical industry.

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