

:: 2K Clear VOC Premium

2K clear coat

CHARACTERISTICS

This new 2K CLEAR VOC Premium is state of the art and latest technology. This new Premium clear coat with a VOC content below 420 g/l is based on the latest clear coat technologies. This new Premium clear coat is a complete new development of VOSSCHEMIE and completes our range of products with an absolute premium product.

With this clear coat the user can exhaust the complete spectrum of possibilities, from single components to complete paintwork. Additionally it is exceptional scratch resistance combined with a very high UV-protection.

APPLICATION

This new VOC-conform 2K clear coat is suitable for application on small parts, as well as on complete paintwork like full vehicle fronts.

PRODUCT DATA

MATERIAL DATA:

Colour: clear

V.O.C.: < 420 g/l

Specific weight: 0,97 g/cm³

Flash point: +23 °C

Drying thickness: 50 - 60 µm

Shelf life: 1 year – in closed original packaging

HANDLING

PREPARATION/HANDLING:

Dissolvent-based or water-based primer and uni-topcoats. It is strongly recommended to work with the according CS Premium hardener. Drying and adhesion problems can not be excluded with use of thinning and hardening materials of external systems. The Clear Coat must be applied at the latest two hours after the application of the Base Coat.

Application:

Mixing Ratio: 2:1

Mixing ratio by weight: 99 g A-component : 50 g B-component standard, 52 g B-component fast, 51 g B-component slow

Pot life:

approx. 35 min. at +20°C with hardener fast
approx. 40 min. at +20°C with hardener standard
approx. 50 min. at +20°C with hardener slow

Processing viscosity:

19-20 sec./ 4mm DIN

Nozzle size:

1.2 mm, e.g. Sata Jet RP or DeVilbiss GTI T2.

Please pay attention to handling recommendations of the manufacturer.

2,0 - 2,5 bar

Ventilation time:

5 - 10 min at +20°C.

Spraying operations:

This clear coat is applied in 2 coats

1. Spraying operation: Apply in a slightly closed, but rapid coat.
2. Spraying operation: Apply in a full coat.

After every spraying operation give 5 - 10 min. ventilation time.

Drying time with hardener fast:

approx. 20-25 min. at +60°C

approx. 8 h at. 20°C

Absolute hardened after 24 hours at +20°C

Infrared drying: Short and medium wave 12-15 min.

Drying time with hardener standard:

approx. 30 min. at +60°C

approx. 10 h at. 20°C

Absolute hardened after 24 hours at +20°C

Infrared drying: Short and medium wave 12-15 min.

Drying time with hardener slow:

approx. 45 min. at +60°C

approx. 12 h at. 20°C

Absolute hardened after 24 hours at +20°C

Infrared drying: Short and medium wave 12-15 min.

Polishing:

Allow to cool down after oven drying. Then the surface can be polished immediately.

2004/42/IIB (d)(420) 420: The EU limit value for this product (product category: IIB.d) in ready to use form is max. 420 g/litre of VOC. The VOC content of this product is < 420 g/litre. OC-Gehalt von <420g/l.

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.



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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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