

:: 2K Clear VOC 420

2K clear coat

CHARACTERISTICS

VOC 420 is a two component clear lacquer with a high solids content which conforms to VOC. VOC 420 has a VOC content below 420 g/l and is state of the art and the best technology.

Different hardeners enable VOC 420 to be used both for gloss paintings and for spot repairs. VOC 420 dries and hardens rapidly. VOC 420 has a brilliant gloss and excellent flow properties. It can be polished easily and is highly scratch and UV resistant.

APPLICATION

This new very high solid VOC-conform 2K clear coat is suitable for all paintworks in the vehicle area. Whether complete paintwork, small parts or spot repair, with this clear coat you cover the whole spectrum of work.

PRODUCT DATA

MATERIAL DATA:

Colour: clear

V.O.C: < 420 g/l - Ready to apply

Viscosity: Spray Viscosity 17-19 sec. 4 mm / DIN, hardened

Density: approx. 1.00 g / cm³

Pot Life:

approx. 50 min. at 20°C with hardener slow

approx. 30 min. at 20°C with hardener standard

approx. 30 min. at 20°C with hardener fast

approx. 20 min. at 20°C with hardener very fast

Position Stability at 20°C and closed package: 1 year (Clear coat)

Flashpoint: + 23°C

Drying thickness: 50 – 70 µm

Flash off: at 20°C 5-10 minutes

HANDLING

Surface:

The surface should be primed with solvent or water based base coat lacquers or one component topcoats.

Mixing Ratio: 2:1

Mixing ratio by weight: 100 g A-component : 50 g B-component

It is strongly recommended to work with the complete product range of CARSYSTEM. Drying and adhesion problems are possible by the combination of CARSYSTEM Clear Coat with non-system hardener and thinner.

Application:

Spray pressure 2.0-2.5 bar, nozzle 1.2 mm, e.g. SATA Jet RP or DeVilbiss GTI 880.

1. Spraycoat: Spray on a thin coat
2. Spraycoat: Spray on a coat with good flow properties

Drying Time:

approx. 45 min. at 60°C Object temperature with hardener slow

approx. 30 min. at 60°C Object temperature with hardener standard

approx. 20-25 min. at 60°C Object temperature with hardener fast

approx. 10-15 min. at 60°C Object temperature with hardener very fast

approx. 12 hours at 20°C Object temperature with hardener slow

approx. 10 hours at 20°C Object temperature with hardener standard

approx. 8 hours at 20°C Object temperature with hardener fast

approx. 6 hours at 20°C Object temperature with hardener very fast



05/2016

Infrared drying: Short and medium wave: 12 - 15 minutes

Polishing:

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

2004/42/IIIB (d)(420) 420 <420: The EU limit value for this product (product category: IB.d) in ready to use form is max. 420 g/litre of VOC.

The VOC content of this product is < 420 g/litres.

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.

Copyright VOSSCHEMIE