



2K CLEARCOAT AEROSOL

CLEAR2K/AL

Version: 1.0

Date of issue: 09/07/2021 Revision date: 09/07/2021



DRIVING SURFACE PERFECTION

TECHNICAL DATASHEET

An advanced 2K Clearcoat, that gives a durable, diamond hard, high gloss finish with the convenience of an aerosol. 2K Clear provides superior weather, UV, chemical, scratch and abrasion resistance. It can be applied to both water and solvent based paint systems and gives an attractive spray gun finish that's easy to polish and will not discolour. Suitable for large surfaces even at higher ambient temperatures. Contains isocyanate.

- Excellent flow and depth of gloss.
- Easy to use and long lasting.
- Compatible with solvent and water-based basecoats.

Product	Order Code	Format	Shelf Life
2K CLEARCOAT AEROSOL	CLEAR2K/AL	400ml Aerosol	2 years

APPLICATION INFORMATION



IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use. This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information.



Surface Preparation



Substrate
Previously painted surfaces
Freshly applied basecoat*

Degreaser
SYSTEM 20 Solvent-Based Degreaser/WIPE
#6 Solvent-Based Degreaser Aerosol
*

Abrasion
P800 - P1000
*

*Before applying clearcoat, ensure the basecoat is prepared according to the manufacturer's technical data sheet. Clean and degrease removing dirt, oil, grease and wax using cleaning solutions such as U-POL's SYSTEM 20 Degreasers. For best results, good preparation is essential. Abrade with grit paper as stated above for each respective substrate. Re-clean, dry and degrease the abraded substrate ready for application.

Mixing



Activate and shake the aerosol can for at least 2 minutes before activation.



Working Pot-Life at 20°C 48 hours

Number of Coats



Distance from the surface	15 – 20 cm
Application Temperature	20 °C
Coats	1 – 2
Flash-off at 20°C	10 – 15 minutes between coats
Total Dry Film Thickness	40 µm
Theoretical Coverage @ indicated DFT*	0.5 – 0.75 m ² /unit

*Theoretical Coverage per unit assuming 100% transfer efficiency and giving the dry film thickness at the indicated values.

Drying Time



PLEASE NOTE: drying times are dependent upon film thickness, humidity and temperature.

Dust Free at 20°C	12 minutes
Touch Dry at 20°C	80 minutes

Polishing



Ready to Polish at 20°C over night

TECHNICAL INFORMATION

Physical properties



Appearance	aerosol.
Colour	Colourless
Density	0.766 g/cm ³

VOC Information



VOC Category (2004/42/CE) Special Finishes, product category IIB(e), max. limit 840 g/l

The VOC content of this product as received is 673 g/l. The VOC content of this product in ready to use form is < 673 g/l.

Storage

Aerosol cans should be stored for two hours at room temperature before use. For long term storage, keep in a dry well ventilated area and away from direct sunlight and frost. To clear the nozzle and maximise the lifespan of your aerosol,



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always invert the can and spray upside down for a few seconds after each use. Should the nozzle become blocked, remove it from the can and soak it in gentle thinners.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Recommended storage temperature 5 °C - 25 °C

Associated Products



Product

SYSTEM 20 Water-Based Degreaser
 SYSTEM 20 Solvent-Based Fast Degreaser
 SYSTEM 20 Solvent-Based Slow Degreaser
 SYSTEM 20 Solvent-Based Slow Degreaser
 WIPE #6 Solvent-Based Degreaser Aerosol
 MAXIMUM Professional Lint-Free Solvent Wipes
 MAXIMUM Tack Cloths
 MAXIMUM Tack Cloths
 MAXIMUM Premium Masks
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Painters Overalls
 MAXIMUM Abrasive Latex Paper Discs P800
 MAXIMUM Abrasive Latex Paper Discs P1000

Order Code

S2000/5 5L Canister
 S2001/5 5L Tin
 S2002/1 1L Tin
 S2002/5 5L Tin
 WIPE/AL 450ml Aerosol
 MWPP/350 100-pack
 TRAG/10 10-pack
 TRAG/50 50-pack
 RESPV 1-pack
 COVER/M 1-pack
 COVER/L 1-pack
 COVER/XL 1-pack
 COVER/XXL 1-pack
 COVER/XXXL 1-pack
 ABD7/VP800 100-pack
 ABD7/VP1000 100-pack

Format

U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local stockist or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits. U-POL is not liable for mis-use or abuse of its products and no application warranty is expressed or implied.



For additional technical assistance, please contact the U-POL Technical Department at technicalsupport@u-pol.com

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