



2K Lights Clear Coat

2K Aerosol to renew brightness and transparency to any plastic, polycarbonate or makrolon car lights.



Features & Benefits

- 2K product – higher chemical resistance than 1K products
- 2K Aerosol Packaging – no spray gun needed and therefore no cleaning of the gun
- Wide spray fan - spray pattern is similar to a spray gun
- Excellent flow properties – provides perfect finish
- Does not alter the characteristics of the plastic – retains mechanical properties of the plastic
- High UV protection - prevents yellowing of surfaces
- Does not pulverize with ageing – long-lasting

P/N	Product	S/C	Packaging
86570	2K Lights Clear Coat	LCC2K	250ml 2K Aerosol
86571	Lights Clear Coat Primer	LCCP	250ml Aerosol

Application

2K Aerosol system to renew brightness and transparency to any plastic / polycarbonate / makrolon, plexiglass car lights. Will protect and restore polycarbonate plastics from yellowing after the removal of engravings or deep scratches. Ideal for vehicles headlights, marine and camper components.

Examples where a repainting is needed:

- Vandalism (scratched with a rivet)
- Scratch (due to accident)
- Original finish detaching
- Opaque and yellowed by weather conditions

This system offers a good alternative to replacing the head lights, which are in many cases very expensive and this aerosol packaging does not need any special tools such as spray guns.

Instructions – Primer & 2K Lights Clear Coat

See page 3

N.B.: The clearcoat can be polished with all standard polishes after drying overnight at room temperature (20°C) or after 30 minutes at 60°C.



Technical Information

General info:	2K Lights Clear Coat	Primer for 2K Lights Clear Coat
Consistency:	Liquid	Liquid
Base material:	Two-component acrylate resins; Hardener: Aliphatic polyisocyanates	Water-based binder
Colour:	Transparent	Transparent
Shelf life:	36 month	24 month
Customs Tariff Code:	3208 20 90	3208 20 10
VOC:	670 g/l	647 g/l
Accessories:	N/A	N/A

Pot life:	14 h at 20 °C	Not applicable
Mixing ratio:	Not applicable	Not applicable
Thinner / diluent:	Not applicable	Not applicable
Application distance:	15-20 cm	15-20 cm
Dry time	Overnight at 20°C: 25-30 mins at 60 °C (after 10 minutes flash off)	30-40 mins at 20°C
Dry film thickness :	Approx. 10 µm	Approx. 1.5 µm
No of coats:	1 dust coat first, followed by a full coat (no flash off needed)	1 dust coat first, followed by a full coat
Dry time between coats:	N/A	N/A
Application temp:	Approx. 20°C	Approx. 20°C
Temp resistance :	Not determined	Not determined
Specific gravity:	Not determined	Not determined
Solid content:	36 %	12 %
Gloss level:	80 – 90 units at 20° measurement geometry	Satin gloss



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Instructions - Primer

- 1.Mask the non-transparent part of the head light. If you do not disassemble the head light mask the car as well and protect the wing, hood, etc. with KENT Waterproof Tape to protect against scratches while sanding.
- 2.Clean the surface with Soft Surface Cleaner and allow to flash off
- 3.Dry sanding:
 - Sand the entire diffusion area the headlight using a sanding machine with a diameter of 75 mm or 150 mm. For checking purposes wipe the surface after each sanding process with a dust-laying cloth.
 - Remove the original UV-clear coat totally from the damaged area using P180 sanding paper.
 - Sand over any marks and scratches.
 - Sand the entire surface of the headlight first with P240, then with P320.
 - Sand the entire surface with P400, P600, P800, P1200, P3000 and finally with P4000-grit. By doing this any surface irregularities caused by grinding grooves can be excluded.
 - Check the results between each sanding stage.
- 4.Clean with KENT water based Panel Degreaser.
CAUTION! At this point only use a mild, water based silicone remover, otherwise the substrate may be damaged.
- 5.Check whether the surface of the headlight is transparent and free from grinding grooves.
- 6.Shake the can well for 2 minutes. Test spray.
- 7.Apply 1 dust coat followed by a full coat of the headlight primer with a spray distance of 10-15 cm
- 8.Allow to dry for approx. 30 min at 20°C

N.B. The headlight primer gives an opaque film. Full transparency is achieved by the following protective coating.

Instructions – 2K Lights Clear Coat

- 1.Before spraying and activating the 2K Aerosol, shake the can thoroughly for 2 minutes from when the mixer balls are heard.
- 2.Remove the red push button from the cap. Turn the can by 180° and press the push button onto the pin in the base of the can.
- 3.Turn the can upside down and place on a firm surface. Press the red trigger head with the ball of your hand until it clicks into place.
- 4.After activating the 2K Aerosol, shake can thoroughly for 2 minutes again from when the mixer balls are heard.
- 5.Test the aerosol spray pattern first. Apply a mist coat. Then apply a closed, i.e. film-forming spray coat. No flash-off time between spray coats is necessary.
- 6.Drying time is overnight at 20°C or after allowing a 10 minute flash off, 25-30 minutes at 60°C.