



SPOT ON 2 Clearcoat for polycarbonate headlights

GELSON®

AZIENDA CON SISTEMA QUALITÀ
CERTIFICATO DA DNV
UNI EN ISO 9001

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TECHNICAL DATA SHEET

Rev. 2 dated 13/07/2018

Special bicomponent UHS finish with excellent characteristics of resistance and adherence to polycarbonate-base plastic materials, such as lenses for vehicle lights, synthetic glazing (as long as it is made of polycarbonate), yacht components made of transparent plastic and so on, with excellent properties of expansion and UV protection of the underlying polycarbonate surface.

Although they guarantee good adhesion to the polycarbonate, the raw materials used do not prejudice the polycarbonate's mechanical resistance (cracking) but protect it from the otherwise inevitable yellowing followed by decay caused by the powdering of the original UV protection that takes place on average in the course of the first five years of its working life.

Combined with the innovative KOVAX sanding system, the special two-component formula enables plastics that have been deeply scoured or scratched to be repaired, as long as they are not actually broken.

VOC content < 420 g/L

SURFACE PREPARATION:



Degrease the surface using No-Sil Aqua (Waterbased silicon remover) and Hitex 4000 cloth.

SANDING:

WARNING!!

*For the best adhesion, **complete** removal of the old protective film of the headlight is essential!*



Vandalisms – deep scratches:

First step: P240; followed by P320/P400 Maxfilm.

Next steps:

Maxfilm P600 or Superassilex Sky (P600)

Superassilex Lemon (800)

Dulling – Yellowing – Ageing:

First step: P320/P400 Maxfilm.

Next steps:

Maxfilm P600 or Superassilex Sky (P600)

Superassilex Lemon (800)

N.B: For deeper scratches, use coarser abrasives (P150/180)

Complete removal of the old protective film of the headlight is essential.

BEFORE PAINTING:



Clean sanding residues and degrease the surface using No-Sil Aqua (Waterbased silicon remover) and Hitex 4000 cloth.



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PRODUCT PREPARATION:

Weight ratio of components: Spot On 2 "A" Clear: Spot On 2 "B" Catalyst = 1:1

Mix components very well and filter before use (125 micron)

Mix components just before use, because of the short pot-life, especially in presence of high humidity.**POT LIFE : 5 minutes at 20°C****APPLICATION:**Use preferably Spot-repair spray guns: nozzle \varnothing 1.0 – 1.2 at 1.5 bar;Otherwise use HVLP gravity gun, nozzle \varnothing 1.0 at 1.2 bar;Gravity gun, high-transfer, nozzle \varnothing 1.0 – 1.3 at 2.5 bar.

Coats: 1 full coat (the substrate must be thoroughly wetted). Do not fade out.

Wait 10 seconds between coats.

Thickness: 30 microns (dry film)

DRYING TIME:

Air drying: 20-25°C; r.h. 50-60%

Flash off: 15 minutes

Manipulability: 40 minutes

Curing completes in the following 48 hours. Do not wet the painted surface during this time.

WARNING: Do not heat the product! (do not dry in oven or with IR lamp)**STORAGE**

6 months in its original containers. Store in a cool, dry place.

Warning: when opened, the product is affected by humidity.

If moist, the liquid has a cloudy aspect. In this case, it should not be used.

Please find available codes and packagings for this product on our corporate website<http://www.gelson.it>

This information is provided to the best of our knowledge and constitutes neither delivery specifications nor any guarantee; it may be amended without notice for technical reasons. In consideration of the wide range of possible applications for this product, our Technical Service is at your disposal to provide clarification about specific fields of application.