

TECHNICAL DATA SHEET

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DESCRIPTION

3K special clear coat with excellent resistance and adhesion for plastics such as polycarbonate based headlight lenses, synthetics, glass components for marine equipment and transparent plastics, etc. Excellent leveling properties and UV protection.

The materials used, while ensuring excellent adhesion to most rigid plastics, do not affect the mechanical strength and protect against decay and subsequent yellowing caused by UV damage which usually occurs after 3 - 4 years on the original product.

Enables repairs of deeply scratched or engraved plastics provided they are not broken by following the instructions below when combined with sanding.

Technical Characteristics

Shelf Life:	6 months
Viscosity:	0.918 - 1.078g/cm ³ (48 - 58", Ford 4 at 20 °C)
Color:	Perfect Transparency
Solid Content:	30 - 40% per application

Dryable with different options

Paint curing oven, air drying or Infrared lamps (when used at a temp of 20°C).

Preparation

- Degrease with a non aggressive antsilicone detergent compatible with the polycarbonate or type of plastic being used.
- Dry sand with: (P600) (800) (1500).

IT IS VERY IMPORTANT TO COMPLETELY REMOVE ALL OF THE OLD PROTECTIVE FILM LAYER.

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- In the case of particularly harsh surfaces or when removing deep scratches it is recommended that you begin by sanding with 320/400 grit, and use 75 mm discs.
- Degrease again following the instructions above .

Product Preparation (% in volume)

Clear Coat :	100
Hardener:	50
UV protector:	40 ÷ 50

- Mix thoroughly and filter before use (5000 meshes)

SHELF LIFE: 2h at 20°C

Airbrushing and Paint gun systems recommended for application

Touch up guns for spot-repair: 1,5 bar
HVLP Airbrush 1.0 - 1.2 bar
High transfer 1.0 - 1.3 2.5 bar

▪ Application

Coats: 1+1 (wait 30 sec. to 1 min between coats)
Thickness: 25 - 35 microns

▪ Drying

In a paint cure oven at 60 - 70°C: 30 min.
I.R. lamp: 10 ÷ 15 min.
INFRA SPOT 1300 15' at a distance of 50 - 60 cm
Temp. Max 70°C - 80°C

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- **Elimination of Imperfections and Finishing**

Dry sand with P2000

Polish with non abrasive finishing polish

This information is provided to the best of our knowledge but does not constitute supply specifications nor warranty and can be modified for technical reasons without notice.

In view of the wide scope of the product, our Technical Service is at your disposal to provide clarification on specific applications.