



TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

TROTON GOLD LINE UNIQUE CLEAR 2:1 UHS

PRODUCTS

UNIQUE CLEAR Clear Coat 2:1
Hardener Standard 1:2 for UNIQUE CLEAR Clear Coat
Hardener Fast 1:2 for UNIQUE CLEAR Clear Coat
Thinner for acrylic systems



PRODUCT DESCRIPTION

Highest quality 2-pack acrylic clear coat for car repairs with very low content of volatile compounds:

- ✓ Very high content of solid.
- ✓ Extremely high gloss.
- ✓ Excellent coat appearance.

Color - Colorless
Gloss Grade – Very high gloss.

VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 408 [g/l]

The share of VOC is below 420 g/l. Due to that these products fulfill the EU directive (2004/42/EC) that sets the VOC value for this product category (B/4), as 420 g/l.

SUBSTRATES AND PREPARATION

C2007 Acryl Clear Coat 2:1 can be applied over:

- ✓ Base Coats.
- ✓ The existing Coatings.

Existing Paintwork should first be sanded and cleaned with Silicon Remover.

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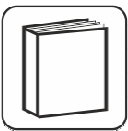
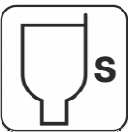
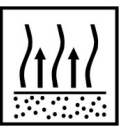
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For dulling the color we recommend the following :

- ✓ Grey unwoven abrasive fabric with a dulling paste,
- ✓ Abrasive paper with gradation of 600÷800 (for dulling on wet).
- ✓ Abrasive paper with gradation of 360÷400 (for dulling by machine).

APPLICATION PROCESS

	Application For car repairs which requires durable finish.												
	<table border="0"> <tr> <td>Mixing Ratio</td><td>by volume</td></tr> <tr> <td>Clear coat</td><td>2</td></tr> <tr> <td>Hardener</td><td>1</td></tr> <tr> <td>Thinner</td><td>0 %</td></tr> </table>	Mixing Ratio	by volume	Clear coat	2	Hardener	1	Thinner	0 %				
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	Spraying Viscosity 18÷20 seconds at 20°C.												
	Pot Life Approx. 90 minuts at 20°C.												
	Number of Layers 2 full coats, 60 µm dry film. Parameters for RP spray gun Nozzle: 1.3÷1.4 mm; Pressure : 2,0÷2,5 bar. Parameters for HVLP spray gun Nozzle : 1.3÷1.4 mm; Pressure inside the nozzle: 0,7 bar.												
	<table border="0"> <tr> <td>Evaporation time</td><td></td></tr> <tr> <td>Between coats:</td><td> <table border="1"> <tr> <th>STANDARD</th><th>FAST</th></tr> <tr> <td>7÷8 min</td><td>6÷7 min</td></tr> </table> </td></tr> <tr> <td>Before baking:</td><td> <table border="1"> <tr> <td>15 min</td><td>15 min</td></tr> </table> </td></tr> </table>	Evaporation time		Between coats:	<table border="1"> <tr> <th>STANDARD</th><th>FAST</th></tr> <tr> <td>7÷8 min</td><td>6÷7 min</td></tr> </table>	STANDARD	FAST	7÷8 min	6÷7 min	Before baking:	<table border="1"> <tr> <td>15 min</td><td>15 min</td></tr> </table>	15 min	15 min
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	IR drying 15÷20 minutes under short waves depending on the layer thickness and type of radiator. Do not exceed the temperature of 60°C. Use in accordance with the recommendations of the equipment's manufacturer. Wait about 10 minutes before starting the IR drying.
	Hardening time - Dust free at 20°C – approx. 15÷20 minutes - Baking at 60°C – approx. 25÷30 minutes Temperature below 20°C significantly increases the hardening time.

PRODUCT EFFICIENCY

1 liter of the mixture is enough to get approx. 10 ÷ 11 m² of 60 µm thickness dry layer.

POLISHING AND REMOVING IMPURITIES INCLUSIONS

Usually polishing is unnecessary, as the UNIQUE CLEAR Coat gives the surface a perfect look immediately after having been used. However, if some dirt inclusions appear, one recommends removing them wet, using abrasive paper with gradation of 1500-2000 and then polishing the surface with abrasive compound.

The easiest way of polishing 2K-surfaces is to do it 6-24 hours after the film cooled down.

GENERAL NOTES

- ✓ Do not exceed recommended doses of hardener!
- ✓ Using such clear coats one shall remember of spraying first the edges and cavities and leaving front surfaces for the last stage of application process. Thus we can avoid superfluous dust creation and achieve smooth surface.
- ✓ Best results of application are achieved when using a professional chamber-oven, or when varnishing in a room specially suited for this goal, at least at room temperature, i.e. at 20°C.
- ✓ Temperature in body shop and temperature of a product should be the same.
- ✓ When working with 2K products, clean the guns and equipment immediately after use.
- ✓ The rooms should be well ventilated.

Caution: *To maintain safety, always follow the instructions given in the MSDS for the product.*

STORAGE

Store the product components in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note: *After each use the container with products shall be immediately closed! Protect hardener against freeze and humidity!*

WARRANTY PERIOD

UNIQUE CLEAR Clear Coat 2:1- 12 months from the date of Manufacture.

Hardener 1:2 for UNIQUE CLEAR Clear Coat – 9 months from the date of Manufacture.

Limitation of liability:

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information is based on meticulous laboratory tests and many years of experience. An established position on the market does not release us from continuous quality control of our products. However, we are not responsible for the final effects of improper storage or use of our products, and for work that is not in line with good craftsmanship.

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