



TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

TROTON GOLD LINE 096 UHS PREMIUM CLEAR 2:1

PRODUCTS

096 UHS PREMIUM CLEAR 2:1

Hardener standard 1:2 for 096 UHS PREMIUM CLEAR

Hardener fast 1:2 for 096 UHS PREMIUM CLEAR

Thinner for acrylic systems



PRODUCT DESCRIPTION

High quality 2-component acrylic clearcoat for car repairs with a very low content of volatile compounds.

- ✓ For the repair of small and large surfaces.
- ✓ Very high solid content > 55%.
- ✓ Excellent coat appearance
- ✓ High gloss.
- ✓ Easy to apply
- ✓ Ideal absorption of spray mist.
- ✓ Excellent flow.

Color - Colorless.

Gloss level - High gloss.

* ambient temperature 20°C, air humidity not higher than 80%.

VOLATILE ORGANIC COMPOUNDS

VOC for the mixture 2:1 without thinner = 385 [g/l]

VOC for the mixture 2:1 with 5% of thinner = 405 [g/l]

The share of VOC is below 420g/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.

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SUBSTRATES AND PREPARATION

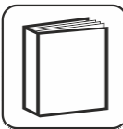
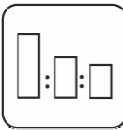
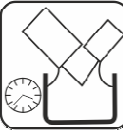
096 HS PREMIUM CLEAR Acrylic Clear Coat 2:1 can be applied over:

- ✓ Base Coats.
- ✓ Old finishes in good condition after matting and degreasing.

For dulling the color we recommend the following :

- ✓ Grey abrasive cloth with matting compound.
- ✓ Sanding paper with gradation of 600÷800 (for dulling on wet).
- ✓ Sanding paper with gradation of 360÷500 (for dulling by machine).

APPLICATION PROCESS

	Application Car body repairs that require a durable finish.						
	Mixing Ratio by volume <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Clear coat</td><td style="width: 40%; text-align: right;">2</td></tr> <tr> <td>Hardener</td><td style="text-align: right;">1</td></tr> <tr> <td>Thinner</td><td style="text-align: right;">0÷5%</td></tr> </table>	Clear coat	2	Hardener	1	Thinner	0÷5%
Clear coat	2						
Hardener	1						
Thinner	0÷5%						
	Spraying Viscosity 17÷19 seconds at 20°C DIN4						
	Pot life (double viscosity - the varnish is not suitable for use) about 3 hours and 30 minutes at 20°C (standard hardener) About 2 hours at 20 °C (Fast hardener)						
	Gun parameters RP nozzle: 1,2÷1,4mm; Pressure: 2,0÷2,2 bar. HVLP nozzle: 1.3÷1,4mm; Inlet pressure: 2,0 bar. ATTENTION: Always follow the gun producer's recommendations. The application process: 1.5 layers - 1 medium, thin, and then a full layer with 2 minutes of flash off between the layers in order to obtain a dry film thickness of 50-60 µm,						

	2 layers - 2 full layers with a flash off time of 5-10 minutes in order to obtain a dry film thickness of 60-75 µm,		
	Evaporation Time		
	Flash off time	Standard	Fast
	Between layers	5-10 minutes	5-10 minutes
	Before baking	10 minutes	10 minutes
	Drying time		
		20 °C	60°C
	Dust dry	40 minutes	10 minutes
	Touch dry	3 hours	15 minutes
	Hardness to use	13 hours	15 min + 4 hours /20°C
	Total Hardness	7 days	15 min + 4 days /20°C
	Temperature below 20°C significantly increases the hardening time.		
	IR drying 10÷15 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.		

EFFICIENCY

1 liter of mixture is enough to cover 10 m² with a dry layer with thickness of 60 µm.

SHADING

Make sure you have covered the whole area with the base coat and do the shading only on a previously prepared area. Use FADE OUT THINNER to blend the dust that has settled around the repaired surface and to eliminate optical gloss differences between the old lacquer and the newly applied acrylic clear coat.

POLISHING AND REMOVING IMPURITIES INCLUSIONS

Usually polishing is unnecessary, as the 096 HS PREMIUM CLEAR Acrylic Clear Coat gives the surface a perfect look immediately after use. However, if some dirt inclusions appear, it is recommended to remove them using a polishing compound.

GENERAL NOTES

- ✓ Do not exceed recommended doses of hardener!
- ✓ The best repair results can be achieved at room temperature. Temperature in body shop and temperature of a product should be the same.
- ✓ When working with 2K products, it is recommended to use personal protection equipment. Protect the eyes and respiratory system.
- ✓ 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 between 15 to 25°C in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note:

1. *Close the container after use.*
2. *Protect the hardener from frost and dampness*

WARRANTY PERIOD

Acrylic Clear Coat 096 UHS PREMIUM CLEAR 2:1 - 12 months from the date of Manufacture.

Hardener standard 1:2 for Acrylic Clear Coat 096 UHS PREMIUM CLEAR – 9 months from the date of Manufacture.

Hardener fast 1:2 for Acrylic Clear Coat 096 UHS PREMIUM CLEAR – 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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