



TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

TROTON GOLD LINE 098 UHS SPEED CLEAR 2:1

PRODUCTS

098 UHS SPEED CLEAR 2:1

Hardener Standard 1:2 for 098 UHS SPEED CLEAR

Hardener Fast 1:2 for 098 UHS SPEED CLEAR

Thinner for acrylic systems



PRODUCT DESCRIPTION

High quality transparent 2K acrylic clear coat for fast car repairs with very low content of volatile compounds.

Acrylic Clear Coat 098 UHS SPEED CLEAR 2:1 is designed for car paint shops that need to return the car at no time. The use of the new generation of raw materials helped to achieve fast curing time. A painted car body part is ready to mount in only 60 minutes after application without baking*!

- ✓ Very high content of resin.
- ✓ Extremely high gloss.
- ✓ Excellent look of the coat

Color - Transparent

Gloss Grade – Very high gloss.

*ambient temperature 20 °C, humidity below 80%

VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 355g/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

TROTON Sp. z o.o.

Ząbrowo 14A; 78-120 Gościno; Poland

Tel/Fax: +48 94 35 126 22; Tel: +48 94 35 123 94; Website: www.troton.com.pl; Email: troton@troton.com.pl

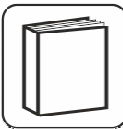
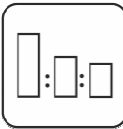
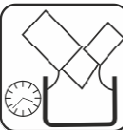
Acrylic Clear Coat 098 UHS SPEED CLEAR 2:1 can be applied over:

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

For matting we recommend the following :

- ✓ Grey abrasive fabric with a polishing compound
- ✓ Sanding paper with gradation of 600÷800 (wet sanding).
- ✓ Sanding paper with gradation of 360÷500 (machine sanding).

APPLICATION PROCESS

	Application Fast car body paint				
	Mixing Ratio by volume <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Clear coat</td><td style="width: 40%; text-align: center;">2</td></tr> <tr> <td>Hardener</td><td style="text-align: center;">1</td></tr> </table> The Clear Coat does not need to be used with a thinner!	Clear coat	2	Hardener	1
Clear coat	2				
Hardener	1				
	Spraying Viscosity 19÷21 seconds at 20°C.				
	Pot Life 90 minutes at 20°C. (hardener STANDARD, SLOW, EXTRA SLOW) 60 minutes at 20°C. (hardener FAST)				
	Nozzle RP nozzle : 1,2÷1,4mm air pressure: 2,0÷2,2 bar. HVLP nozzle : 1,3÷1,4mm air pressure: 2,0bar. Note: follow the gun producer's recommendations. Number of layers: 1,5 layers. Dry film thickness: about 60µm.				

	IR drying 5÷7 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.																														
	<table><tr><th>Curing time</th><th colspan="4">at 20°C</th></tr><tr><th></th><th>STANDARD</th><th>FAST</th><th>SLOW</th><th>EXTRA SLOW</th></tr><tr><td>Dust free</td><td>30÷35 minutes</td><td>20÷25 minutes</td><td>45÷50 minutes</td><td>60 minutes</td></tr><tr><td>Touch free</td><td>90 minutes</td><td>60 minutes</td><td>110 minutes</td><td>120 minutes</td></tr><tr><td>Before baking:</td><td>10 minutes</td><td>10 minutes</td><td>-</td><td>-</td></tr><tr><td>Baking at 60°C (temp. heated object):</td><td>5 minutes</td><td>-</td><td>-</td><td>-</td></tr></table> Temperature below 20°C significantly increases the hardening time.	Curing time	at 20°C					STANDARD	FAST	SLOW	EXTRA SLOW	Dust free	30÷35 minutes	20÷25 minutes	45÷50 minutes	60 minutes	Touch free	90 minutes	60 minutes	110 minutes	120 minutes	Before baking:	10 minutes	10 minutes	-	-	Baking at 60°C (temp. heated object):	5 minutes	-	-	-
Curing time	at 20°C																														
	STANDARD	FAST	SLOW	EXTRA SLOW																											
Dust free	30÷35 minutes	20÷25 minutes	45÷50 minutes	60 minutes																											
Touch free	90 minutes	60 minutes	110 minutes	120 minutes																											
Before baking:	10 minutes	10 minutes	-	-																											
Baking at 60°C (temp. heated object):	5 minutes	-	-	-																											

POLISHING AND REMOVING IMPURITIES INCLUSIONS

Usually polishing is unnecessary, as the Acrylic Clear Coat 098 UHS SPEED CLEAR 2:1 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 098 UHS SPEED CLEAR 2:1 - 12 months from the date of Manufacture.

Hardener fast 1:2 for Acrylic Clear Coat 098 UHS SPEED CLEAR – 9 months from the date of Manufacture.

Hardener standard 1:2 for Acrylic Clear Coat 098 UHS SPEED 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.

TROTON Sp. z o.o.
Ząbrowo, Poland.