

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

C2007 UHS Acrylic Clear Coat 2:1

PRODUCTS

C2007 Acrylic Clear Coat UHS 2:1- Transparent surface clear coat
Hardener Slow 1:2 for C2007 Acrylic Clear Coat
Hardener Standard 1:2 for C2007 Acrylic Clear Coat
Hardener Fast 1:2 for C2007 Acrylic Clear Coat



PRODUCT DESCRIPTION

Highest quality transparent 2K 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 - Transparent

Gloss Grade – Very high gloss.

VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 408 [g/l]

The share of VOC is below 420 g/l. These products meet the EU directive (2004/42/EC) that sets the VOC value for its category (IIB), at 420 g/l.

SURFACE PREPARATION


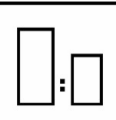
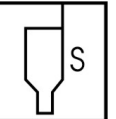
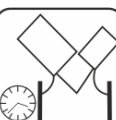

C2007 Acrylic Clear Coat 2:1 can be applied over:

- ✓ 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÷400 (machine sanding).

APPLICATION PROCESS

	<p>USE For car repairs of all sizes.</p>											
	<p>Mixing ratio by volume</p> <p>C2007 Clear Coat 2 parts Hardener Standard 1 part</p> <p>The Clear Coat does not need to be used with a thinner!</p>											
	<p>Spraying Viscosity 18÷20 seconds at 20°C.</p>											
	<p>Pot life 1 hour and 30 minutes at 20°C.</p>											
	<p>Nozzle RP nozzle : 1,2÷1,4mm air pressure: 2,0÷2,2 bar. HVLP nozzle : 1,3÷1,4mm air pressure: 2,0bar.</p> <p>Note: follow gun producer's recommendations.</p> <p>Number of layers: 2 thin layers. Dry film thickness: about 60µm.</p>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 40%;">Hardening time</th> <th style="width: 15%;">SLOW</th> <th style="width: 15%;">STANDARD</th> <th style="width: 15%;">FAST</th> </tr> </thead> <tbody> <tr> <td>Dust free at 20°C</td> <td>50÷60 min</td> <td>35÷40 min</td> <td>25÷30 min</td> </tr> <tr> <td>Baking at 60°C (temp. baking object):</td> <td colspan="3" style="text-align: center;">25÷30 min</td> </tr> </tbody> </table>	Hardening time	SLOW	STANDARD	FAST	Dust free at 20°C	50÷60 min	35÷40 min	25÷30 min	Baking at 60°C (temp. baking object):	25÷30 min		
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Temperature below 20°C significantly increases the hardening time.
Polishing- after 2 hours since the surface was cooled down.

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover a surface of $10 \div 12 \text{ m}^2$ with a $50 \div 60 \text{ }\mu\text{m}$ thick dry layer.

Mixing according to the mass (do not rate the scales!!)

Quantity	Lacquer	FAST Hardener	SLOW Hardener	STANDARD Hardener
100 ml	66 g	35 g	35 g	35 g
150 ml	99 g	52 g	52 g	52 g
200 ml	132 g	69 g	70 g	69 g
250 ml	165 g	87 g	87 g	87 g
350 ml	230 g	121 g	122 g	121 g
450 ml	296 g	156 g	156 g	156 g
550 ml	362 g	191 g	191 g	190 g
650 ml	428 g	225 g	226 g	225 g
750 ml	494 g	260 g	261 g	260 g
1,0 L	658 g	347 g	348 g	346 g
1,5 L	987 g	520 g	522 g	519 g
2,0 L	1316 g	693 g	695 g	692 g
2,5 L	1645 g	867 g	869 g	865 g

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 DEFECTS

Usually polishing is unnecessary, as the C2007 Clear Coat gives the surface a perfect look immediately after use. However, if some dirt inclusions appear, it is recommended to remove them wet, using sanding paper with gradation of 1500-2000 and then polish the surface with 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 in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Note:

1. *Close the containers immediately after use*
2. *Keep away from frost humidity*

WARRANTY PERIOD

Master C2007 Acrylic Clear Coat 2:1- 12 months from the date of Manufacture.
Hardener SLOW 1:2 for C2007 Acrylic Clear Coat – 9 months from the date of Manufacture.
Hardener Standard 1:2 for C2007 Acrylic Clear Coat - 9 months from the date of Manufacture.
Hardener Fast 1:2 for C2007 Acrylic Clear - 9 months from the date of Manufacture.

Important Information:

The information contained in this document corresponds to our present knowledge and is a guide to our products and their uses.

Read all directions and warnings prior to using Troton products - Safety Data Sheets can be found online at www.troton.com.pl or will be sent according to your request: troton@troton.com.pl

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Many factors beyond Troton's control and uniquely within user's knowledge and control can affect the use and performance of a Troton product in a particular application. Given the variety of factors that can affect the use and performance of a Troton product, user is solely responsible for evaluating the Troton product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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If used as instructed, this product is designed to comply with the European Volatile Organic Compound (VOC) Emission Standard for Automotive Refinish Coatings. Confirm compliance with your country, state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Troton assumes no obligation or liability for use of this information.