

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

CT 838 Acrylic Clear Coat MS 2:1

PRODUCT

CT 838 Acrylic Clear Coat MS 2:1 – Finishing Clear Coat.

Hardener Standard 1:2 for Acrylic Clear Coat CT 838.

Hardener Slow 1:2 for Acrylic Clear Coat CT 838 for use above temperatures of 25°C.

Hardener Fast 1:2 for Acrylic Clear Coat CT 838 for use above temperatures of 18°C.

Thinner for acrylic systems.

PRODUCT DESCRIPTION

High quality 2K transparent acrylic clear coat for spot repairs as well whole car body repairs. Its biggest advantage is easy application, perfect levelling and extended time of spaying mist absorption. This clear coat gives a hard and perfectly transparent coat, ready to polish shortly after curing, characterized by high scratch resistance.

- ✓ Very good levelling.
- ✓ High gloss.
- ✓ Hard and durable finish.
- ✓ High scratch resistance.
- ✓ Universal use.

Colour – Transparent.

Gloss – High Gloss.

VOLATILE ORGANIC COMPOUNDS






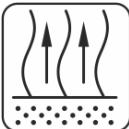

VOC for Mixture = 535[g/l]



The share of VOC is below 840 g/l. These products meet the EU directive (2004/42/EC) that sets the VOC value for its category (IIB), at 840 g/l.

SURFACE PREPARATION

CT 838 Acrylic Clear Coat 2:1 can be applied over:

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

APPLICATION PROCESS									
	<p>Application</p> <p>For car repairs that require durable finish.</p>								
	<table border="0"> <tr> <td>Mixing Ratio</td> <td style="text-align: right;">by volume</td> </tr> <tr> <td>Clear Coat</td> <td style="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;">10%</td> </tr> </table>	Mixing Ratio	by volume	Clear Coat	2	Hardener	1	Thinner	10%
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Hardener	1								
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	<p>Spraying Viscosity</p> <p>15÷17 seconds at 20°C.</p>								
	<p>Pot Life</p> <p>Approx. 5 hours at 20°C.</p>								
	<p>Number of layers:</p> <p>2 layers, total dry thickness 50÷70 µm</p> <p>RP gun parameters:</p> <p>Nozzle: 1,3÷1,4 mm, Pressure: 2,0÷2,2 bar</p> <p>HVLP gun parameters:</p> <p>Nozzle: 1,3÷1,4 mm; Pressure: 2,0 bar</p>								
	<p>Evaporation Time</p> <table border="0"> <tr> <td>Between Coats:</td> <td style="text-align: right;">about 5 minutes</td> </tr> <tr> <td>Before Baking:</td> <td style="text-align: right;">about 10 minutes</td> </tr> </table>	Between Coats:	about 5 minutes	Before Baking:	about 10 minutes				
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	<p>Curing time at 20°C</p> <p>Dust free: about 30 minutes.</p> <p>Ready to polish: after drying overnight.</p>								

	<p>Curing time at 60°C Clear coat is ready to polish after baking for about 30 minutes and cooling down (about 2 hours). Temperature below 20°C significantly increases the drying time.</p>
	<p>IR drying Radiation time: 10÷20 minutes of short wave, depending on the layer thickness and the IR dryer.</p>

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover a surface of 10-12 m² with a 50µm thick dry layer.

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 ELIMINATING DEFECTS

Usually polishing is unnecessary, as the CT838 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 polishing compound.

The easiest way of polishing 2K surfaces is to do it within 24 hours after the coat has cooled down.

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 products.*

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

WARRANTY PERIOD

CT838 Acrylic Clear Coat 2:1- 12 months from the date of Manufacture.
Hardener 1:2 for CT838 Acrylic Clear Coat – 6 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

Technical Information: The technical information, recommendations and other statements contained in this document are based upon tests or experience that Troton believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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.

Limitation of Liability: Except where prohibited by law, Troton will not be liable for any loss or damage arising from the Troton product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

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.