

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

<p>MULTI CR HS 2:1 SUPER FAST SPOT REPAIR - ACRYLIC CLEARCOAT HS 2:1</p> <p>PRODUCTS</p> <p>MULTI CR Acrylic Clear Coat HS 2:1 – Topcoat Clear Coat. STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat. FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat. Thinner for acrylic systems.</p> <p>PRODUCT DESCRIPTION</p> <p>High quality 2K acrylic transparent clear coat for quick car repairs with low content of volatile compounds and increased SR (ScratchResistant). Acrylic Clear Coat MULTI CR HS is designed for car paint shops that struggle every day with the problem of quickly returning the repaired vehicles to their owners. The use of the new generation of raw materials helped to achieve fast curing time. Thanks to the use of the FAST hardener a painted car body part is ready to mount in only 2 hours after application.</p> <ul style="list-style-type: none"> • High contents of resin. • Short curing time. • Very high gloss. • Excellent look of the coat. • Easy to apply. • Excellent flow. 	
	<p>COLOUR: transparent</p> <p>GLOSS GRADE: high gloss</p>

VOLATILE ORGANIC COMPOUNDS	
VOC for the mixture = 497 [g/l] This product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (e), at 840 g/l.	
SURFACE PREPARATION	
Acrylic Clear Coats can be applied over: <ul style="list-style-type: none"> • Base Coats, • Old finishes in good condition after matting and degreasing. 	For matting we recommend the following: <ul style="list-style-type: none"> • 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																		
	USE		NUMBER OF LAYERS															
	For fast car body paint repair that requires a durable finish.		2 layers: 2 full layers, total dry film thickness of 50÷60 µm. Gun parameters: RP nozzle: 1.3÷1.4mm; Pressure of input: 2.0÷2.2 bars. HVLV nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars. Note: follow the gun producer's recommendations.															
	MIXING RATIO by volume		HARDENING TIME															
	Clear Coat 2 parts Hardener 1 part Thinner: with STANDARD hardener 0÷5% with FAST Hardener 10% *use of drying accelerators or fast thinners is not recommended		<table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th></th> <th>20°C</th> <th>60°C</th> </tr> </thead> <tbody> <tr> <td>Dust dry</td> <td>30 min.</td> <td>10 min.</td> </tr> <tr> <td>Touch dry</td> <td>2.5 hours</td> <td>15 min.</td> </tr> <tr> <td>Hardness to use</td> <td>8 hours</td> <td>15 min. + 3 hours / 20°C</td> </tr> <tr> <td>Total hardness</td> <td>7 days</td> <td>7 days + 3 days / 20°C</td> </tr> </tbody> </table>		20°C	60°C	Dust dry	30 min.	10 min.	Touch dry	2.5 hours	15 min.	Hardness to use	8 hours	15 min. + 3 hours / 20°C	Total hardness	7 days	7 days + 3 days / 20°C
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	SPRAYING VISCOSITY		Temperature below 20°C significantly increases the hardening time.															
	15÷17 seconds at 20°C/DIN4.																	
	POT LIFE		IR DRYING															
	Aprox. 2.5 hours at 20°C.		10÷15 minutes of short waves, depending on the layer thickness and the type of radiator. Do not exceed 60°C. Use as recommended by the equipment manufacturer. Wait about 10 minutes before starting the heater drying.															
	EVAPORATION TIME																	
	Between layers: aprox. 4÷5 min. Before banking: 10 minutes																	

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover 8÷10 m² with a dry layer with thickness of 60 µm.

SHADING

Make sure you have covered all the surface with the clear coat. You should only shade the surface that has been covered and treated. Use FADE OUT THINNER to clean any dust or dirt from the surface and to level out the optical gloss differences between the older and new applied coating.

POLISHING AND REMOVING IMPURITY INCLUSIONS

Usually polishing is unnecessary, as the MULTI CR HS 2:1 Acrylic Clear Coat gives the surface a perfect look immediately after application. However, if some dirt inclusions appear, we recommend removing them and then polishing the surface with an abrasive compound.

GENERAL NOTES

- Do not exceed recommended doses of hardener!
- Best results achieved at room temperature. The ambient temperature and the temperature of the used product should be the same.
- When working with 2K products, it is recommended to use personal protective equipment. Protect the eyes and the respiratory system.
- The rooms should be well ventilated.
- Clean the guns and equipment immediately after use.

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

STORAGE

Store the product components between 15 and 25°C, in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Caution:

1. Close the containers immediately after application.
2. Protect hardener against freeze and humidity!

WARRANTY PERIOD

MULTI CR Acrylic Clear Coat HS 2:1 – Topcoat Clear Coat.	– 24 months from the date of production
STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat.	– 12 months from the date of production
FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat.	– 12 months from the date of production
Thinner for acrylic systems.	– 12 months from the date of production

PRODUCT	ART No.
MULTI CR Acrylic Clear Coat HS 2:1	10347; 9864 (1l; 5l)
STANDARD hardener 1:2 for MULTI CR HS Acrylic Clear Coat	13983; 13984 (0,5l; 2,5l)
FAST hardener 1:2 for MULTI CR HS Acrylic Clear Coat	10348; 9865 (0,5l; 2,5l)
Thinner for acrylic systems	300002258; 300002260 (1l; 5l)
Thinner for slow acrylic systems	14712 (5l)
Thinner for fast acrylic systems	14713 (5l)

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 are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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