


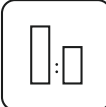


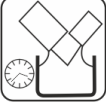

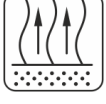


TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

<p>C48 VHS 2:1 ULTRA SPEED AIR DRY FAST AIR-DRY ACRYLIC CLEARCOAT</p>	
<p>PRODUCTS</p> <p>C48 VHS 2:1 Acrylic Clearcoat Hardener STANDARD 1:2 for Clearcoat VHS C48</p>	
<p>PRODUCT DESCRIPTION</p> <p>High quality ultra fast air-dry 2K acrylic clearcoat for fast car repairs without the need for baking. Allows for significant reduction of working time and energy consumption.</p> <ul style="list-style-type: none"> • Ready for polishing in just 60 minutes at 20°C • Air Dry technology – curing without baking • VHS formula – very high solids content • Premium finish - high gloss and outstanding depth of colour 	
<p>COLOUR: transparent</p> <p>GLOSS GRADE: high gloss</p>	

<p>VOLATILE ORGANIC COMPOUNDS</p> <p>VOC for mixture = 419 [g/l], The share of VOC is below 540 g/l. These products meet the EU directive (2004/42/EC/II B) that sets the VOC value for its category (d), at 420 g/l.</p>	
<p>SURFACE PREPARATION</p>	
<p>Acrylic Clear Coats can be applied over:</p> <ul style="list-style-type: none"> • Base Coats, • Old finishes in good condition after matting and degreasing. 	<p>For matting we recommend the following:</p> <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										
	Fast car body paint repairs.		<p>1.5 layers – 1 medium (thin) and then a full layer with 2 minutes of flash off between layers in order to obtain a dry film thickness of 50-60 µm.</p> <p>2 layers – 2 full layers with 2 minutes of flash off between layers, total dry film thickness of 60÷70 µm.</p> <p>Gun parameters: RP nozzle: 1.2÷1.4mm; Pressure of input: 2.0÷2.2 bars. HVLP nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars. Note: follow the gun producer's recommendations.</p>										
	MIXING RATIO by volume		HARDENING TIME										
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Clear Coat</td> <td style="width: 40%;">2 parts</td> </tr> <tr> <td>Hardener</td> <td>1 part</td> </tr> </table> <p>No thinner required !</p>	Clear Coat	2 parts	Hardener	1 part		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th style="width: 20%;">at 20°C</th> <th style="width: 20%;">at 40°C</th> </tr> </thead> <tbody> <tr> <td>Ready for polishing</td> <td style="text-align: center;">60 min</td> <td style="text-align: center;">10 min</td> </tr> </tbody> </table>		at 20°C	at 40°C	Ready for polishing	60 min	10 min
Clear Coat	2 parts												
Hardener	1 part												
	at 20°C	at 40°C											
Ready for polishing	60 min	10 min											
	SPRAYING VISCOSITY		<p>Temperature below 20°C significantly increases the hardening time.</p>										
	13÷15 seconds at 20°C/DIN4.												
	POT LIFE			IR DRYING									
	80 minutes at 20°C		Not recommended.										
	EVAPORATION TIME												
	<p>Between layers: 2 ÷ 5 min.</p> <p>Before baking: 10 min.</p>												

PRODUCT EFFICIENCY

1 liter of mixture is enough to cover 9÷9,5 m² with a dry layer with thickness of 60 µm.

SHADING

Make sure that you cover the whole area with the base coat and shade only the prepared area. Use FADE OUT THINNER Inter Troton for shading to blend the dust that has settled around the fixing surface and compensate the optical differences in gloss between the old lacquer coat and the newly imposed acrylic clear coat.

POLISHING AND REMOVING IMPURITY INCLUSIONS

Usually polishing is unnecessary, as the C48 VHS 2:1 Clearcoat 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

C48 Acrylic Clearcoat VHS 2:1	– 24 months from the date of production
Hardener STANDARD 1:2 for Clearcoat VHS C48	– 12 months from the date of production

PRODUCT	ART. No.
C48 Acrylic Clearcoat VHS 2:1	17843; 17845 (1l; 5l)
Hardener STANDARD 1:2 for Clearcoat VHS C48	17844; 17846 (0,5l; 2,5l)

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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