








## TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

<h3>C88 HS 2:1</h3> <p>ACRYLIC CLEAR COAT PREMIUM SPEED</p>		
<p><b>PRODUCTS</b></p> <p>C88 HS 2:1 Acrylic Clear Coat Premium Speed                  Hardener STANDARD 1:2 for C88 HS Acrylic Clear Coat Premium Speed                  Hardener FAST 1:2 for C88 HS Acrylic Clear Coat Premium Speed                  Thinner for acrylic systems</p>		
<p><b>PRODUCT DESCRIPTION</b></p> <p>High quality 2K acrylic clear coat for fast car repairs with low VOC and increased Scratch Resistance. HS PREMIUM C88 Clear Coat 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. A painted car body part is ready to mount in only 120 minutes after application.</p> <ul style="list-style-type: none"> <li>High contents of resin.</li> <li>Short curing time.</li> <li>Vary high gloss.</li> <li>Excellent look of the coat.</li> <li>Easy to apply.</li> <li>Excellent flow.</li> </ul>		<p><b>COLOUR:</b> transparent</p> <p><b>GLOSS GRADE:</b> high gloss</p>

<p><b>VOLATILE ORGANIC COMPOUNDS</b></p> <p>VOC for 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.</p>			
<p><b>SURFACE PREPARATION</b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p>Acrylic Clear Coats can be applied over:</p> <ul style="list-style-type: none"> <li>Base Coats,</li> <li>Old finishes in good condition after matting and degreasing.</li> </ul> </td> <td style="vertical-align: top;"> <p>For matting we recommend the following:</p> <ul style="list-style-type: none"> <li>grey abrasive fabric with a polishing compound,</li> <li>sanding paper with gradation of 600÷800 (wet sanding),</li> <li>sanding paper with gradation of 360÷400 (machine sanding).</li> </ul> </td> </tr> </table>		<p>Acrylic Clear Coats can be applied over:</p> <ul style="list-style-type: none"> <li>Base Coats,</li> <li>Old finishes in good condition after matting and degreasing.</li> </ul>	<p>For matting we recommend the following:</p> <ul style="list-style-type: none"> <li>grey abrasive fabric with a polishing compound,</li> <li>sanding paper with gradation of 600÷800 (wet sanding),</li> <li>sanding paper with gradation of 360÷400 (machine sanding).</li> </ul>
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APPLICATION PROCESS																	
	<p><b>USE</b></p> <p>Paint repairs on small and large surfaces.</p>																
	<p><b>MIXING RATIO</b> by volume</p> <table border="0"> <tr> <td>Clear Coat</td> <td>2 parts</td> </tr> <tr> <td>Hardener</td> <td>1 part</td> </tr> <tr> <td><b>Thinner:</b></td> <td></td> </tr> <tr> <td>with STANDARD hardener</td> <td>0÷5%</td> </tr> <tr> <td>with FAST Hardener</td> <td>10%</td> </tr> </table> <p>*use of drying accelerators or fast thinners is not recommended</p>			Clear Coat	2 parts	Hardener	1 part	<b>Thinner:</b>		with STANDARD hardener	0÷5%	with FAST Hardener	10%	<p><b>NUMBER OF LAYERS</b></p> <p><b>2 layers:</b> 2 full layers, total dry film thickness of 50÷60 µm.</p> <p><b>Gun parameters:</b>                      RP nozzle: 1.3÷1.4mm; Pressure of input: 2.0÷2.2 bars.                      HVLP nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars.</p> <p>Note: follow the gun producer's recommendations.</p>			
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	<p><b>POT LIFE</b></p> <p><b>STANDARD hardener:</b> 4 hours  <b>FAST hardener:</b> 3 hours</p>																
	<p><b>SPRAYING VISCOSITY</b></p> <p>15÷17 seconds at 20°C/DIN4.</p>			<p><b>HARDENING TIME</b></p> <table border="1"> <thead> <tr> <th></th> <th>20°C</th> <th>60°C</th> </tr> </thead> <tbody> <tr> <td><b>Dust dry</b></td> <td>30 min.</td> <td>10 min.</td> </tr> <tr> <td><b>Touch dry</b></td> <td>2h fast hardener 3h standard hard.</td> <td>15 min.</td> </tr> <tr> <td><b>Hardness to use</b></td> <td>8h fast hardener 10h standard hard.</td> <td>15 min. + 3 h/ 20°C</td> </tr> <tr> <td><b>Total hardness</b></td> <td>7 days</td> <td>15 min. + 3 days/20°C</td> </tr> </tbody> </table> <p>Temperature below 20°C significantly increases the hardening time.</p>		20°C	60°C	<b>Dust dry</b>	30 min.	10 min.	<b>Touch dry</b>	2h fast hardener 3h standard hard.	15 min.	<b>Hardness to use</b>	8h fast hardener 10h standard hard.	15 min. + 3 h/ 20°C	<b>Total hardness</b>
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<p><b>IR DRYING</b></p> <p>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.</p>																	

<b>PRODUCT EFFICIENCY</b>								
1 liter of mixture is enough to cover 8÷10 m <sup>2</sup> with a dry layer with thickness of 60 µm.								
<b>SHADING</b>								
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 InterTroton 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..								
<b>POLISHING AND REMOVING IMPURITY INCLUSIONS</b>								
Usually polishing is unnecessary, as the HS PREMIUM 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.								
<b>GENERAL NOTES</b>								
<ul style="list-style-type: none"> <li>• Do not exceed recommended doses of hardener!</li> <li>• Best results achieved at room temperature. The ambient temperature and the temperature of the used product should be the same.</li> <li>• When working with 2K products, it is recommended to use personal protective equipment. Protect the eyes and the respiratory system.</li> <li>• The rooms should be well ventilated.</li> <li>• Clean the guns and equipment immediately after use.</li> </ul> <p><b>Caution:</b> <i>To maintain safety, always follow the instructions given in the MSDS for the product.</i></p>								
<b>STORAGE</b>								
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.								
<p><b>Caution:</b></p> <ol style="list-style-type: none"> <li>1. Close the containers immediately after application.</li> <li>2. Protect hardener against freeze and humidity!</li> </ol>								
<b>WARRANTY PERIOD</b>								
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PRODUCT	ART. No.
C88 HS 2:1 Acrylic Clear Coat Premium Speer	11012; 11320 (1l; 5l)
Hardener STANDARD 1:2 for C88 HS Acrylic Clear Coat Premium Speed	15197; 15198 (0,5l; 2,5l)
Hardener FAST 1:2 for C88 HS Acrylic Clear Coat Premium Speer	11013; 11321 (0,5l; 2,5l)
Thinner for acrylic systems	300002253; 300002790 (1l; 5l)

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<p>The information contained in the TDS is up-to-date and correct on the day the information is released.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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