
TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

HS PREMIUM C88 Fast Acrylic Clear Coat 2:1

PRODUCTS

C88 HS 2:1 Acrylic Clear Coat
Hardener 1:2 for C88 HS Acrylic Clear Coat
Thinner for acrylic systems

PRODUCT DESCRIPTION

High quality 2K acrylic clear coat for fast car repairs with low VOC and increased Scratch Resistance. C88 is designed for car paint shops that need to return the car at no time. 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 90 minutes after application.

Another advantages: easy to apply, excellent spraying mist absorbency, very good levelling, high hardness and gloss of the coat.

- ✓ High contents of resin
- ✓ Short curing time
- ✓ Vary high gloss
- ✓ Excellent look of the coat
- ✓ Easy to apply

Color -Transparent .
Gloss Grade – High gloss.

VOLATILE ORGANIC COMPOUNDS

VOC for mixture = 497[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


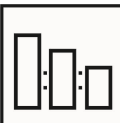
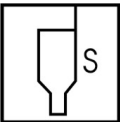
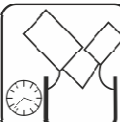

C88 can be applied over:

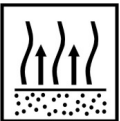


- ✓ Base Coats.
- ✓ Old finishes in good condition after matting and degreasing.

For dulling the color we recommend the following :

- ✓ Grey abrasive cloth with matting compound.
- ✓ Sanding paper with gradation of 600÷800 (for dulling on wet).
- ✓ Sanding paper with gradation of 360÷400 (for dulling by machine).

APPLICATION PROCESS

	<p>Use Fast car body repairs that require a durable finish.</p>						
	<p>Mixing Ratio By Volume</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">HS Clear Coat</td> <td style="width: 40%; text-align: right;">2</td> </tr> <tr> <td>Hardener to HS Premium</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Thinner</td> <td style="text-align: right;">Max.10%</td> </tr> </table> <p>* the use of drying accelerators or fast thinners is not recommended</p>	HS Clear Coat	2	Hardener to HS Premium	1	Thinner	Max.10%
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Hardener to HS Premium	1						
Thinner	Max.10%						
	<p>Spraying Viscosity 15÷17 seconds at 20°C. With 10% thinner</p>						
	<p>Pot Life Approximately 2,5 hours at 20°C.</p>						
	<p>Number of layers: 2 full layers, total dry thickness approx. 50-60 µm</p> <p>RP gun parameters: Nozzle: 1,3÷1,4 mm, Pressure: 2,0÷2,2 bar</p> <p>HVLP gun parameters: Nozzle: 1,3÷1,4 mm; Pressure: 2,0 bar</p> <p>Follow gun producer's instructions.</p>						

	<p>Evaporation Time</p> <p>Between Layers: approx. 4÷5 minutes Temperature below 20°C significantly increases the hardening time.</p>										
	<p>Hardening Time</p> <table border="1" data-bbox="264 539 911 860"> <tr> <td>Temperature</td> <td>20°C</td> </tr> <tr> <td>Dust free</td> <td>25-30 min.</td> </tr> <tr> <td>Touch free</td> <td>90 min.</td> </tr> <tr> <td>Baking at 60°C</td> <td>15 min.</td> </tr> <tr> <td>Full dry</td> <td>7 days</td> </tr> </table> <p>Further work Polishing after 6-7 hours without baking</p> <p>Temperature below 20°C significantly increases the hardening time.</p>	Temperature	20°C	Dust free	25-30 min.	Touch free	90 min.	Baking at 60°C	15 min.	Full dry	7 days
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	<p>IR Drying</p> <p>7÷12 minutes of short waves, depending on the thickness of the layer and IR dryer.</p>										

POLISHING AND ELIMINATING DEFECTS

Usually polishing is unnecessary, as the HS Premium gives the surface a perfect look immediately after use. However, if some dirt inclusions appear, it is recommended to remove them using 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 between 15 to 25 °C 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

C88 HS Acrylic Clear Coat 2:1 - 12 months from the date of Manufacture.
Hardener 1:2 for C88 HS Acrylic Clear Coat – 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

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.

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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.