

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

C88 HS 2:1

ACRYLIC CLEAR COAT PREMIUM SPEED

PRODUCTS

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 MASTER

PRODUCT DESCRIPTION

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.

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



COLOUR: transparent

GLOSS GRADE: high gloss

VOLATILE ORGANIC COMPOUNDS

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.

SURFACE PREPARATION

Acrylic Clear Coats can be applied over:

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

For matting we recommend the following:

- grey abrasive fabric with a polishing compound,
- sanding paper with gradation of 600÷800 (wet sanding),
- sanding paper with gradation of 360÷400 (machine sanding).

APPLICATION PROCESS

USE		NUMBER OF LAYERS																
	Paint repairs on small and large surfaces.		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. HVLP nozzle: 1.3÷1.4mm; Inlet pressure: 2.0 bars. Note: follow the gun producer's recommendations.															
	MIXING RATIO by volume 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		HARDENING TIME STANDARD Hardener <table border="1"> <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>2h fast hardener 3h standard hard.</td> <td>15 min.</td> </tr> <tr> <td>Hardness to use</td> <td>8h fast hardener 10h standard hard.</td> <td>15 min. + 3 h/ 20°C</td> </tr> <tr> <td>Total hardness</td> <td>7 days</td> <td>15 min. + 3 days/20°C</td> </tr> </tbody> </table> Temperature below 20°C significantly increases the hardening time.		20°C	60°C	Dust dry	30 min.	10 min.	Touch dry	2h fast hardener 3h standard hard.	15 min.	Hardness to use	8h fast hardener 10h standard hard.	15 min. + 3 h/ 20°C	Total hardness	7 days	15 min. + 3 days/20°C
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	POT LIFE STANDARD hardener: 4 hours FAST hardener: 3 hours																	
	SPRAYING VISCOSITY 15÷17 seconds at 20°C/DIN4.		IR DRYING 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. 5÷7 min. Before banking: 10 minutes																	

PRODUCT EFFICIENCY								
1 liter of mixture is enough to cover 8÷10 m ² 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 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..								
POLISHING AND REMOVING IMPURITY INCLUSIONS								
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.								
GENERAL NOTES								
<ul style="list-style-type: none"> • 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. <p>Caution: <i>To maintain safety, always follow the instructions given in the MSDS for the product.</i></p>								
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.								
<p>Caution:</p> <ol style="list-style-type: none"> 1. Close the containers immediately after application. 2. Protect hardener against freeze and humidity! 								
WARRANTY PERIOD								
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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 MASTER	300002253; 300002790 (1l; 5l)

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