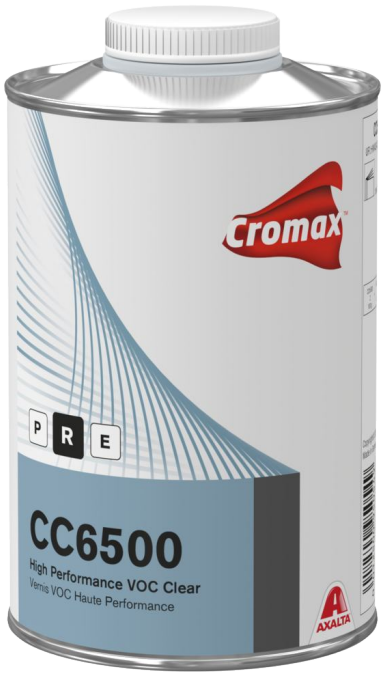
CC6500
HIGH PERFORMANCE VOC CLEAR



PRODUCT DESCRIPTION

CC6500 High Performance VOC Clear is an all-purpose clear coat. It helps bodyshops to optimize their workflow and to increase output through its easy handling and multiple drying options, while delivering high performance with a high-gloss finish.

R – Reliable Line. Consistently performing to specification to ensure process stability, deliver high-quality results, and support seamless operations across entire repair workflow.

FEATURES

01 Offers very easy application in two coats with outstanding vertical stability.

02 Provides outstanding topcoat hold-out and gloss retention.

03 Offers multiple drying options: 15 min/60 °C or 30 min/40 °C.

04 Special properties support increased productivity such as early polishability.

05 Suitable for all types of repairs: from spot and panel, to overall repair.

06 Easy mixing ratio of 2:1 with AR7505 High Performance Clearcoat Activator +10 % AZ9500 High Performance VOC Agent.

07 Includes a slow hardener and slow additive for hot & humid conditions.

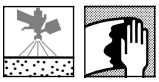
TECHNICAL DATA SHEET

CC6500

HIGH PERFORMANCE VOC CLEAR

Product preparation - application STANDARD

It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Cromax Pro Basecoat / Cromax EZ+: Surfaces must be dried / flashed-off in accordance with TDS before application
Existing finishes: Surfaces must be sanded and degreased before application

	Standard		High Temp	
	Volume	Weight	Volume	Weight
CC6500	2	100	2	100
AR7505	1	52		
AZ9500	0.3	13		
AR7506*			1	51
AZ9501*			0.3	14

*At temperatures above 35°C it is recommended to use AR7506 High Performance Clearcoat Activator Slow and AZ9501 High Performance VOC Agent Slow.

Potlife at 20°C: 2 hr 30 min - 3 hr

	Spray nozzle	Spray pressure	
HVLP	1.2 - 1.3	0.7 bar	atomisation pressure
Compliant	1.2 - 1.3	1.8 - 2 bar	inlet pressure

see manufacturer's instructions

2 coats

intermediate and final flash-off: 2 min - 5 min
Flash-off time prior to IR drying: 5 min

	AR7505 / AR7506
18 - 22 °C	12 hr - 16 hr
40 - 45 °C	30 min
60 - 65 °C	15 min

Guideline for short wave IR equipment
Half power: 2 min
Full power: 8 min

VOC compliant

2004/42/IIB(c)(420) 420: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 420 g/l of VOC. The VOC content of this product in ready to use form is maximum 420 g/l.

TECHNICAL DATA SHEET

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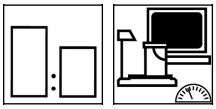
Products

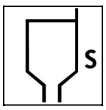
CC6500 High Performance VOC Clear

AR7505 High Performance Clearcoat Activator
AR7506 High Performance Clearcoat Activator Slow
AZ9500 High Performance VOC Agent
AZ9501 High Performance VOC Agent Slow
AZ9550 High Performance Fade-Out Thinner

Product mix



Mixing ratios with special agents are available in the productmix table on ChromaWeb and in the specific TDS.

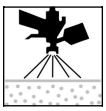


DIN 4: 14 - 16 s at 20°C

50 - 60 µm

Theoretical coverage

500 - 505 m²/l at 1 micron dry film thickness
Due to different activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



CC6500 High Performance VOC Clear can be overcoated with itself within 24 hours, without intermediate sanding

Clean after use with a suitable solventbased guncleaner.

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Remarks

- This clearcoat is designed for productive drying at 40°C and 60°C.
- Fade out repairs require the use of a specific blending thinner: AZ9550 High Performance Fade-Out Thinner. Refer to the original TDS of the selected quality.
- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Close can of hardener tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- Matting of CC6500 High Performance VOC Clear is not possible.
- For plastic and flexible substrates, the addition of 805R Flexible Additive is not necessary with this Clearcoat. Preparation using elasticised surfacer is still mandatory, see relevant surfacer TDS for details.
- Allow additional time for preheating up to panel temperature.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Cromax product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Cromax product range, unless explicitly indicated otherwise.

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