

CC6750

ULTRA PERFORMANCE ENERGY SYSTEM CLEAR



PRODUCT DESCRIPTION

CC6750 Ultra Performance Energy System Clear is based on a patented Axalta resin technology. It helps bodyshops to optimise their workflow, to save energy and to increase throughput while delivering robust performance and an exceptional end finish through its effortless application.

As part of the Ultra Performance Energy System, this clearcoat is designed to combine productivity and quality while saving energy.

FEATURES

- 01** When used as part of the Ultra Performance Energy System, no Cromax Pro Basecoat activation is needed.
- 02** Flexible application in 1.5 or 2 coats to match OEM appearance.
- 03** Excellent vertical stability.
- 04** Outstanding filling power to cover dust inclusions.
- 05** Incredibly fast drying at lower temperatures: 30-55 min. @ 20 °C, 10-15 min. @ 40-45 °C or 5-10 min. @ 60-65 °C.
- 06** Provides excellent hold-out, gloss retention and durability.
- 07** Can be tinted with Cromax Tinted Clearcoat Additives to meet special OEM colours.
- 08** For use on plastic parts, add AZ9405 Elastic Additive.

TECHNICAL DATA SHEET

CC6750

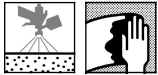


ULTRA PERFORMANCE ENERGY SYSTEM CLEAR

Product preparation - application STANDARD



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



Old or original paintwork well sanded and cleaned.
Activated Cromax Basecoat / Activated Cromax Pro Basecoat.



Outside temperature	<5°C airdry		5-20°C airdry		20-30°C airdry		>30°C airdry	
	Volume	Weight	Volume	Weight	Volume	Weight	Volume	Weight
CC6750	2	100	2	100	2	100	2	100
AR7701	1	52	-	-	-	-	-	-
AR7702	-	-	1	52	-	-	-	-
AR7703	-	-	-	-	1	52	-	-
AR7704	-	-	-	-	-	-	1	52

Outside temperature	<5°C bake (40-45°C)		5-20°C bake (40-45°C)		20-30°C bake (40-45°C)		>30°C bake (40-45°C)	
	Volume	Weight	Volume	Weight	Volume	Weight	Volume	Weight
CC6750	2	100	2	100	2	100	2	100
AR7702	1	52	-	-	-	-	-	-
AR7703	-	-	1	52	-	-	-	-
AR7704	-	-	-	-	1	52	1	52

It is possible to use a slower activator if there is a risk of defects at high air humidity.
It is possible to use a faster activator if drying is too slow or the weather is dry (low air humidity).



at 20°C: 45 min - 1 hr



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

see manufacturer's instructions



0.5 + 1
1 operation
1st: thin and closed
2nd: normal

without intermediate flash-off
final flash-off: 3 min - 5 min at 20°C

or

2 coats

with intermediate flash-off: 0 min - 2 min at 20°C
final flash-off: 3 min - 5 min at 20°C



For drying options, see details page.

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

CC6750

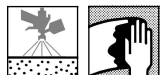


ULTRA PERFORMANCE ENERGY SYSTEM CLEAR

Product preparation - application STANDARD ELASTIC



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



Old or original paintwork well sanded and cleaned.
Activated Cromax Basecoat / Activated Cromax Pro Basecoat.



Outside temperature	5-30°C airdry	
	Volume	Weight
CC6750	1.8	89
AZ9405	0.2	11
AR7704*	1	52

Outside temperature	5-30°C bake (40-45°C)	
	Volume	Weight
CC6750	1.8	89
AZ9405	0.2	11
AR7704*	1	52

* It is possible to use AR7703 HT/HH if drying is too slow or the weather is dry (low air humidity).



After activation, use immediately.



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

see manufacturer's instructions



0.5 + 1
1 operation
1st: thin and closed
2nd: normal

without intermediate flash-off
final flash-off: 3 min - 5 min at 20°C

or

2 coats

with intermediate flash-off: 0 min - 2 min at 20°C
final flash-off: 3 min - 5 min at 20°C



For drying options, see details page.

VOC compliant

2004/42/IIB(d)(420) 420: The EU limit value for this product (product category: IIB(d)) 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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ULTRA PERFORMANCE ENERGY SYSTEM CLEAR

Products

CC6750 Ultra Performance Energy System Clear

AZ9405 Elastic Additive

AR7701 Energy Activator Fast

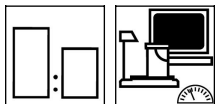
AR7702 Energy Activator

AR7703 Energy Activator HT/HH

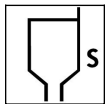
AR7704 Energy Activator HT/HH Slow

AZ9550 High Performance Fade-Out Thinner

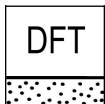
Product mix



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



45 - 55 µm 1.5 coats
50 - 60 µm 2 coats

Theoretical coverage

515 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.

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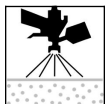


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Outside temperature		< 5°C	5 - 20°C	20 - 30°C	> 30°C
STANDARD*	Air drying	AR7701 45 - 55 min	AR7702 30 - 45 min	AR7703 35 - 45 min	AR7704 40 - 50 min
	Low baking 10-15 min at 40-45°C	AR7702	AR7703	AR7704	AR7704
	Optional low baking 5-10 min at 60-65°C	AR7702	AR7703		
ELASTIC**	Air drying		AR7704 50 - 60 min	AR7704 50 - 60 min	
	Low baking 15-20 min at 40-45°C		AR7704	AR7704	

* It is possible to use a faster activator if drying is too slow or the weather is dry (low air humidity).
* It is possible to use a slower activator if there is a risk of defects at high air humidity.
** It is possible to use AR7703 HT/HH if drying is too slow or the weather is dry (low air humidity).



CC6750 Ultra Performance Energy System Clear can be overcoated with itself within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased guncleaner.

TECHNICAL DATA SHEET

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ULTRA PERFORMANCE ENERGY SYSTEM CLEAR

Remarks

- Refer to the original TDS of the selected system.
- Material has to be at room temperature (18-25°C) before use.
- Elastification is mandatory for rigid & half rigid types of plastics.
- Humidity has an accelerating influence on the drying performance and potlife.
- Allow additional time for preheating up to panel temperature.
- Surplus ready for use material should not be returned to original can.
- Close can of clear and activator tightly immediately after use, as both products will react with humid air and water and lose their hardening effect.
- Once a can of clear or activator has been opened, only 1 month remaining shelf life can be guaranteed.
- Within the full "Ultra Performance Energy" System, Cromax Pro Basecoat activation is not necessary.
- For full "Ultra Performance Energy" System approach please refer to the CC6750sys TDS.
- Cromax Pro basecoat colours and Cromax Pro basecoat blender have to be activated with 5% WB2075.
- To compensate for the use of WB2075 in Cromax Pro basecoat, it is recommended to use a slower setting than normally would be advised. A slower controller can be used and/or up to 10% TN800W can be added.
- Cromax basecoat colours and Cromax basecoat blender have to be activated with 2% AR075W.
- Can also be used over activated Centari Basecoat.
- Centari basecoat colours and Centari basecoat mid coat have to be activated with 10% BK220 before dilution.
- Activated basecoat material has to be applied immediately.
- Tinting of CC6750 Ultra Performance Energy System Clear is possible.
- CC6750 Ultra Performance Energy System Clear cannot be matted.
- The drying process should not be interrupted until dust free time is reached.
- Fade out repairs require the use of a specific blending thinner. Please use AZ9550 High Performance Fade-Out Thinner. For more detailed process information, please refer to the technical data sheet of AZ9550 High Performance Fade-Out Thinner.

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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