CC6770
ULTRA PERFORMANCE ENERGY SYSTEM CLEAR

PRODUCT DESCRIPTION

Thanks to patented Axalta resin technology, the CC6770 Ultra Performance Energy System Clear helps bodyshops to optimize their workflow, save energy and increase throughput while delivering robust performance and an exceptional finish. Easy to apply, the formulation delivers a durable appearance that meets OEM specifications, increasing resistance to scratching, chemicals, and the weather.

P – Productive Line. Products delivering high-performance durable results with speed and precision. Engineered to minimize energy use, material waste, and elevate shop productivity.

FEATURES

01 No need to activate Cromax® basecoats.

02 Flexible application in 1.5 or 2 coats to meet OEM specifications

03 Excellent vertical stability

04 Outstanding filling power to cover dust particles

05 Ultra-fast drying at lower temperatures: 40 - 45 °C / 10 - 15 min or 20 °C / 30 - 55 min

06 Delivers excellent scratch, chemical, and weather resistance thanks to patented Axalta resin technology

07 Can be tinted with Cromax Tinted Clearcoat Additives to meet special OEM colors

08 Can be used on plastic parts without the addition of Cromax® AZ9405 Elastic Additive.

TECHNICAL DATA SHEET

CC6770

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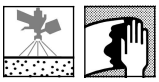
Product preparation - application STANDARD

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



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

Clearcoat		Activator	
Volume	Weight	Volume	Weight
2	100	1	52
CC6770	CC6770	AR7701 AR7705 AR7702 AR7703 AR7706	AR7701 AR7705 AR7702 AR7703 AR7706

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
High pressure spraying	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

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.

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.

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Products

CC6770 Ultra Performance Energy System Clear

AR7701 Energy Activator Fast

AR7705 Energy Activator Medium Fast

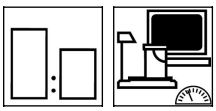
AR7702 Energy Activator

AR7703 Energy Activator HT/HH

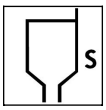
AR7706 Energy Activator HT/HH Very Slow

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

513 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.

Outside temperature		< 5°C	5 - 25°C	25°C - 35°C	> 35°C
STANDARD*	Air drying	AR7701 45 - 55 min	AR7705 30 - 45 min	AR7703 35 - 45 min	AR7706 35 - 45 min
	Low baking 10-15 min at 40-45°C	AR7705	AR7702	AR7703	AR7706
	Optional low baking 5-10 min at 60-65°C	AR7705	AR7702		

* 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.

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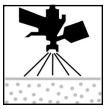

CC6770 Ultra Performance Energy System Clear can be overcoated with itself within 24 hours, without intermediate sanding

Clean after use with a suitable solventbased guncleaner.

Remarks

- Material has to be at room temperature (18-25°C) before use.
- 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.
- Can also be used over Centari Basecoat
- Tinting of CC6770 Ultra Performance Energy System Clear is possible
- CC6770 Ultra Performance Energy System Clear cannot be matted
- 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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