

AXT200

MATT CLEARCOAT



PRODUCT DESCRIPTION

This exclusive clear coat is aimed to repair structured matt finished of PSA cars.

FEATURES

- 01 Useable as textured surface with matt finish.
- 02 Easy application in 2 coats.
- 03 A very specific repair process developed by Axalta is needed.
- 04 Through best practice also specific products (CS222 and C065) are required.
- 05 Reproducible gloss results.

TECHNICAL DATA SHEET

AXT200

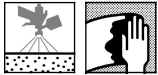
MATT CLEARCOAT



Product preparation - application MATT



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



Surfaces have to be prepared according to the recommendations in the TDS of the selected Basecoat quality.



	Flatness levels	
	Minimum	Maximum
	Weight	Weight
AU175	20	70
AXT200	80	30

All other weight ratios with AU175 are allowed to obtain intermediate gloss levels.
Stir Clearcoat - Flattening Binder mixture properly before activation.

	Standard	
	Volume	Weight
AXT200 / AU175	3	100
VR-1131	1	35

Stir the RFU mixture properly until homogeneous, to avoid lump formation.



at 20°C: 45 min - 1 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.8 - 2 bar	inlet pressure

see manufacturer's instructions



- 1 Apply a first normal closed and uniform coat.
- Avoid overloading
- Maintain a constant spraying distance.
with intermediate flash-off: 10 min
- 2 Apply a second normal closed and uniform coat.
- Avoid overloading by using a staggered overlap technique.
- Maintain a constant spraying distance.
final flash-off: 10 min



	VR-1131
60 - 65 °C	40 min - 45 min

VOC compliant

2004/42/IIB(e)(840) 515: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 515 g/l.

TECHNICAL DATA SHEET

AXT200

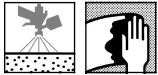
MATT CLEARCOAT



Product preparation - application MATT STRUCTURED



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



Surfaces have to be prepared according to the recommendations in the TDS of the selected Basecoat quality.



	Standard	Alternative settings	
	Weight	Weight	Weight
AXT200	45	50	40
AU175	55	50	60

All other weight ratios with AU175 are allowed to obtain intermediate gloss levels.

Stir the CS222 / Syloid C065 before adding to the paint mixture.

Stir Clearcoat - Flattening Binder mixture properly before activation.

	Standard
	Weight
AXT200 / AU175	100
VR-1131	35
CS222	6
C065	0.7

Stir the RFU mixture properly until homogeneous, to avoid lump formation.



at 20°C: 45 min - 1 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.8 - 2 bar	inlet pressure

see manufacturer's instructions



1 Apply a first normal closed and uniform coat. with intermediate flash-off: 10 min
- Avoid overloading
- Maintain a constant spraying distance.

2 Apply a second normal closed and uniform coat. final flash-off: 10 min
- Avoid overloading by using a staggered overlap technique.
- Maintain a constant spraying distance.



	VR-1131
60 - 65 °C	45 min

VOC compliant

2004/42/IIB(e)(840) 515: The EU limit value for this product (product category: IIB(e)) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 515 g/l.

TECHNICAL DATA SHEET

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MATT CLEARCOAT



Products

AXT200 Matt Clearcoat

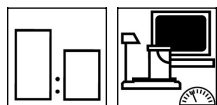
AU175 Flattening Binder

VR-1131 ValueActivator

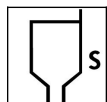
CS222 Texture Additive 50

Texture additive Syloid C065

Product mix



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



DIN 4: 18 - 23 s at 20°C

Theoretical coverage

435 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.



Clean after use with a suitable solventbased guncleaner.

TECHNICAL DATA SHEET

AXT200



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Remarks

- MATT:
 - Check the colour and gloss level of the repair area in daylight conditions.
 - Apply colour panels prior to check the match of colour and gloss.
 - Mix and spray to keep the additive as homogeneous as possible inside the RFU mixture.
 - A too wet application results in too high gloss results. A too dry application in patchiness.
 - Pay attention on masking as the edge can hardly be removed by sanding and polishing.
 - Bear in mind the gloss level can still drop a bit overnight after the complete bake cycle.
 - Final result has to be judged in daylight condition. Artificial light can change the visual appearance.
- MATT STRUCTURED:
 - Apply colour panels prior to check the match of colour, gloss and structure.
 - Check the colour and gloss level of the repair area in daylight conditions.
 - Mix and spray to keep the structure additive as homogeneous as possible inside the RFU mixture.
 - RFU material should be strained through a 190 micron sieve.
Don't use spraygun in-line filters.
 - For the repair of these special colours an application of the entire vehicle side is recommended.
Due to the special surface texture, a re-coating of an individual part, as well as a spot repair or blending job is not possible.
 - A too wet application results in less structure as well as too high gloss results. A too dry application in patchiness.
 - Pay attention on masking as the edge can hardly be removed by sanding and polishing.
 - Bear in mind the gloss level can still drop a bit overnight after the complete bake cycle.

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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