

IMRON® ELITE

IMRON® FLEET LINE ELITE

3.5 VOC 2K PU TOPCOAT



PRODUCT DESCRIPTION

Imron Fleet Line Elite 3.5 VOC 2K PU Topcoat is a VOC compliant two-component topcoat from Imron Fleet Line. It has been designed to work with EL580 HS standard binder for high gloss on large flat surfaces. Imron Fleet Line Elite Topcoat is suitable for VOC-regulated markets, delivering excellent results and productivity.

The answer to commercial vehicle refinishing, high solids topcoat for large surface applications

FEATURES

- 01** Gives superior appearance, very good hiding and low consumption.
- 02** Provides a high-gloss finish with fast drying.
- 03** Can be applied easily in 1.5 coats.
- 04** Offers a large application window thanks to specific rheology control agent.

TECHNICAL DATA SHEET

IMRON® ELITE

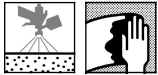


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Product preparation - application Standard



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



Surfaces must be prepared and cleaned correctly before application
Primer, Primer-surfacer or Surfacer, sanded and cleaned
Old or original paintwork well sanded and cleaned.
Primer-Surfacer or Surfacer, unsanded in a wet-on-wet process
Repair areas should be sanded with P500-P600 (by machine) or P800-P1000 (by hand) and cleaned



	Spot & Panel repair	Standard	Large surface	Mixing Ratio for 2K Mixing Machine
Imron Fleetline Elite Topcoat	3	3	3	2
ET620	-			1
ET645	1	-	-	-
ET650	-	1	-	-
ET655	-	-	1	-
ET745*	0.4 - 0.7	-	-	-
ET750	-	0.4 - 0.7	-	0 - 0.1
ET755	-	-	0.4 - 0.7	-

Matt colours 5:1 and 0.4 - 0.5 Thinner

*ET740 can be used for multi-toning



Pot life at 20°C: 2 hr



	Spray nozzle	Spray pressure	
Compliant	1.4 - 1.6	2 - 2.5 bar	inlet pressure
HVLP	1.4 - 1.6	0.7 bar	atomisation pressure
Membrane pump	1.1	2.5 - 3 bar	atomisation pressure
Membrane pump	1.1	0.8 - 1.3 bar	material pressure
Airmix	0.23 - 0.28	2 - 2.5 bar	atomisation pressure
Airmix	0.23 - 0.28	90 - 120 bar	material pressure

see manufacturer's instructions



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

final flash-off: 5 min - 15 min

2 coats

with intermediate flash-off: 10 min - 15 min
final flash-off: 5 min - 15 min



	ET645/ET650/ET655
20 °C	12 hr - 16 hr
60 - 65 °C	30 min - 45 min

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.

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Products

EL580 Imron® Fleet Line Elite Binder HS

PTxxx Imron® Fleet Line PowerTint®

ET620 Imron® Fleet Line Activator

ET645 Imron® Fleet Line Activator HS Fast

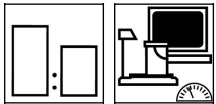
ET650 Imron® Fleet Line Activator HS

ET745 Imron® Fleet Line Thinner Fast

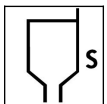
ET750 Imron® Fleet Line Thinner

ET755 Imron® Fleet Line Thinner Slow

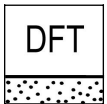
Product mix



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



DIN 4: 20 - 25 s at 20°C



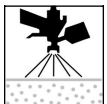
40 - 80 µm

Theoretical coverage

590 - 600 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.



Imron® Fleet Line Elite 3.5 VOC 2K PU Topcoat can be overcoated with itself within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased guncleaner.

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Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Application for RAL9006: Apply 1 full coat, flash 15 minutes. Apply 1 full coat, immediately followed by a light coat with 0-5 minutes flash between coats.
- Fleet Thinner can be replaced 1:1 by Imron Fleet Line Accelerator ET740 (add 5 to max 15%) for multitonning.
- PowerTints have to be thoroughly mixed before weigh-out and the Imron Elite colour has to be mixed immediately after weigh-out.
- Close can of Activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- For Semi-Flexible systems 10% 805R Flexible Additive can be added to the base material. Activator and Thinner ratios remain equal.
- Different gloss levels can be created by using EL555 Flattening Binder. Mixing ratios see colour tools.
- Scuff sanding is required:
 - when a topcoat layer, accelerated with ET740, has been force dried and kept overnight.
 - when a topcoat layer, accelerated with ET740, has been force dried more than once.

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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