

# EL500

## IMRON® FLEET LINE

### CLEAR HS



#### PRODUCT DESCRIPTION

Imron Fleet Line Clear HS EL500 is a low-emission, VOC-compliant 2K clearcoat that can be applied over Imron Elite and Imron Traffic topcoats in 1, 1.5 or 2 coats. It is suitable for spot, panel and overall repairs, delivering a smooth, high-build finish.

**Versatile clearcoat for commercial vehicles applications**

#### FEATURES

- 01 Combines very easy application with reduced sagging risks.
- 02 Has a wide application window.
- 03 Can be used over Imron Elite and Imron Traffic topcoats.
- 04 Offers smooth, high-build finish.
- 05 Based on innovative resin technology.
- 06 Delivers high gloss retention durability coupled with excellent mar, chemical and weather resistance.
- 07 Suitable for use in multi-layer applications.

# TECHNICAL DATA SHEET

**EL500**

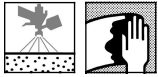


## IMRON® FLEET LINE CLEAR HS

### 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 Basecoat: Surfaces must be dried / flashed-off in accordance with TDS before application

Imron Fleet Line 2K Topcoats: Surfaces must be sanded and degreased before application



M-6152

	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
<b>EL500</b>	3	100	3	100	3	100
<b>ET645</b>	1	37	-	-	-	-
<b>ET650</b>	-	-	1	37	-	-
<b>ET655</b>	-	-	-	-	1	37

\* Matt gloss levels 4:1



Pot life at 20°C: 3 hr



	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.3 - 1.5	1.8 - 2.2 bar	inlet pressure
<b>HVLP</b>	1.3 - 1.5	0.7 bar	atomisation pressure
<b>Membrane pump</b>	1.1	2.5 - 3 bar	atomisation pressure
<b>Membrane pump</b>	1.1	0.8 - 1.3 bar	material pressure

see manufacturer's instructions



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

with intermediate flash-off: 0 min - 2 min  
final flash-off: 5 min - 10 min

2 coats

with intermediate flash-off: 15 min - 45 min  
final flash-off: 10 min



	ET645	ET650	ET655
<b>20 °C</b>	6 hr	12 hr - 16 hr	-
<b>60 - 65 °C</b>	30 min	30 min	40 min



Guideline for short wave IR equipment  
Half power: 5 min  
Full power: 15 - 20 min

VOC compliant

2004/42/II(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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## IMRON® FLEET LINE CLEAR HS

### Products

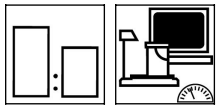
EL500 Imron® Fleet Line Clear HS

ET645 Imron® Fleet Line Activator HS Fast

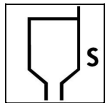
ET650 Imron® Fleet Line Activator HS

ET655 Imron® Fleet Line Activator HS Slow

### Product mix



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



ISO 4: 45 - 53 s at 20°C  
DIN 4: 18 - 20 s at 20°C



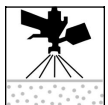
50 - 60 µm

#### Theoretical coverage

505 - 510 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.



EL500 Imron® Fleet Line Clear HS 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.
- Allow additional time for preheating up to panel temperature.
- Surplus ready for use material should not be returned to original can.
- Close can of Activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- Dry spray spots in the clear can be worked off with AK350/AK350A at very low spray pressure. This should be done at the latest 5 min after clear application and should be avoided on horizontal parts.
- Imron Fleet Line 2K Topcoats: Surfaces must be sanded and degreased before application, also non-sanding application possible after 30 minutes flash-off.
- 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 AU175 Flattening Binder. Mixing ratios see colour tools.

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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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