



Effective 8 September, 2006

EL555

FLATTENING BINDER HS

Description

Flattening binder to be used in Imron[®] Fleet Line 2K topcoats and 2K clearcoats.
Composition based on a unique patented “star” polymer technology.

Products

EL555 Flattening Binder HS

Properties

- Allows easy preparation of flat Imron[®] Fleet Line 2K topcoat colours and Imron[®] Fleet Line 2K clears in different ratios, depending on the required gloss level.
- Can be used in: Imron[®] Traffic*, Imron[®] Elite, Imron[®] Elite HDC and EL500.
- VOC compliant, conform with directive 2004/42/EC.

* Product not conform with directive 2004/42/EC.



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PRODUCT PREPARATION

Mixing rules for Imron[®] Traffic Flat*

Semi-flat colours

- If colour formula contains up to 80 % TR530*, replace 75 % of TR530* by EL555 and keep 25 % of TR530*.
- If colour formula contains more than 80 % TR530*, replace 60 % of TR530* by EL555 and keep 40 % of TR530*.

Full flat colours

- If colour formula contains up to 70 % TR530*, replace 100 % of TR530* by EL555 and add an extra 50 % of EL555.
- If colour formula contains more than 70 % TR530*, replace 100 % TR530* by EL555.

* Product not conform with directive 2004/42/EC.

Mixing rules for Imron[®] Elite Flat

Semi-flat colours

- If colour formula contains up to 80 % of binder package (= PT199 + EL580), replace 75 % of the binder package by EL555 and keep remaining 25 % as EL580.
- If colour formula contains more than 80 % of binder package (= PT199 + EL580), replace 60 % of the binder package by EL555 and keep remaining 40 % as EL580.

Full flat colours

- If colour formula contains up to 70 % of binder package (= PT199 + EL580), replace 100 % of the binder package by EL555 and add an extra 50 % of EL555.
- If colour formula contains more than 70 % of binder package (= PT199 + EL580), replace 100 % of the binder package by EL555.

Mixing rules for Imron[®] Elite HDC Flat

Semi-flat colours

- If colour formula contains up to 80 % EL560, replace 75 % of EL560 by EL555 and keep 25 % of EL560.
- If colour formula contains more than 80 % EL560, replace 60 % of EL560 by EL555 and keep 40 % of EL560.

Full flat colours

- If colour formula contains up to 70 % EL560, replace 100 % of EL560 by EL555 and add an extra 50 % of EL555.
- If colour formula contains more than 70 % EL560, replace 100 % of EL560 by EL555.

Mixing rules for Imron[®] Elite Clear HS Flat

Semi-flat clear

- Mix EL500 with EL555 in a ratio of 70/30.

Full flat clear

- Mix EL500 with EL555 in a ratio of 30/70.

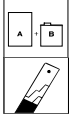

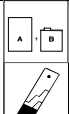



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PRODUCT PREPARATION (con'd)

STANDARD MIXING RATIO'S - Imron® Fleet Line 2K TOPCOATS					
	Mixing ratio		Imron® Traffic Flat*	Imron® Elite Flat	Imron® Elite HDC Flat
			Volume	Volume	Volume
		Imron® Traffic Flat*	5	-	-
		Imron® Elite Flat	-	5	-
		Imron® Elite HDC Flat	-	-	5
		ET645/ET650/ET655	1	1	1
		ET745/ET750/ET755	1	0.5	0.5
	Pot life at 20°C	Semi-flat			
		ET645	2 hr		
		ET650	2 hr		
		ET655	2 hr 30 min		
		Full flat			
		ET645	3 hr		
ET650	3 hr				
ET655	3 hr 30 min				
STANDARD MIXING RATIO'S - Imron® Fleet Line 2K CLEARS					
	Mixing ratio		Imron® Elite Clear HS Flat		
				Volume	
		Imron® Elite Clear HS Flat	4		
		ET645/ET650/ET655	1		
	Application	Refer to the original TDS of the selected quality.			
	Stirring	Thoroughly stirring of tintings, binder and flattening binder before and after adding activator is required.			
This data relates only to the material designated herein and does not apply to use in combination with any other material or any process. The data is not to be considered as a warranty or quality specification and we assume no liability in connection with its use.					

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RECOMMENDED USE

Surface preparation

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

Equipment cleaning

Use a correct DuPont Refinish solventborne gunwash.

Recoatability

At any time after tape-free time. After 24 hr, scuff sanding is required.

Remarks

- PowerTints® have to be thoroughly mixed before weigh-out and the flat colour/clearcoat has to be mixed immediately after weigh-out.
- EL555 has to be mixed thoroughly and mixture has to remain on mixing machine until use.
- Stir EL555 thoroughly before use.
- Material has to be at room temperature (18-25°C) before use.

Product data

Directive 2004/42/EC: 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 600 g/l.

Products	Packages (l)	Shelf life at 20°C (year)
EL555	3.5	2

Safety

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.