

TEXTURING BINDERS

01.11.2014

AU177 FINE - AU179 COARSE

DESCRIPTION

Texturing binder to be used in 2K topcoats or 2K clears.
Composition based on combination of modified acrylic resins.

PRODUCTS

AU177	Texturing Binder Fine
AU179	Texturing Binder Coarse

PROPERTIES

- The binders are translucent and can be used in 2K topcoats and 2K clears as listed: Centari[®] 500 HB*, Centari[®] 501*, Centari[®] 5035, Imron[®] 700*, 120S*/1200S*, 679S*, 696S*, 3050S*, 3550S, 3750S, 3760S, 3800S, CC6400, CC6600.
- The binders are translucent and can be used in the Imron[®] Fleet Line 2K topcoats and Imron[®] Fleet Line 2K clears as listed: Imron[®] Traffic*, Imron[®] Elite, Imron[®] Elite HDC and EL500.

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

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PRODUCT PREPARATION

Mixing rules for 2K topcoats

Flat and heavily structured:

Add AU177-AU179 on top of the quality binder in a ratio of 100% to maximum 200%.

- For pastel colours addition of 150% AU177-AU179 is required.
- For colours that only contain 200 g tint/l or less (see Cromax[®] colour tools), addition of 80% to 120 % AU177-AU179 is required.

Smoothly structured:

Add AU177-AU179 on top of the quality binder in a ratio of 50 %.

- All other additions of less than 100% AU177-AU179 are allowed to obtain less structured/higher gloss colours.

Mixing rules for Imron[®] Fleet Line 2K topcoats

Imron[®] Elite structured:

Add AU177-AU179 on top of the binder package (= PT199 + EL580) in a ratio of 50 % to 150 %.

Imron[®] Elite HDC structured:

Add AU177-AU179 on top of the binder (= EL560) in a ratio of 50 % to 150 %

Imron[®] Traffic* structured:

Add AU177-AU179 on top of the binder (= TR530*) in a ratio of 50 % to 150 %

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

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PRODUCT PREPARATION (CON'D)

Mixing rules for 2K clears

Flat and heavily structured:

Mix clear with AU177-AU179 in weight ratio of 100/70 (clear/AU177-AU179).

- The combination 120S*/AU177-AU179, 1200S*/AU177-AU179 is only allowed up to a weight ratio of 100/60.

Smoothly structured:

Mix clear with AU177-AU179 in weight ratio of 100/50.

- All other weight ratios between 20% and 70 % addition of AU177-AU179 are allowed to obtain less structured/higher gloss clears.

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

Mixing rules for Imron[®] Fleet Line 2K clears

Flat and heavily structured

Mix EL500 with AU177-AU179 in weight ratio of 100/70 (clear/AU177-AU179).

Smoothly structured

Mix EL500 with AU177-AU179 in weight ratio of 100/50.

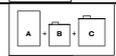
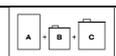
- All other weight ratios between 20% and 70 % addition of AU177-AU179 are allowed to obtain less structured/higher gloss clears.

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PRODUCT PREPARATION (CON'D)

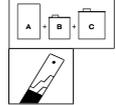
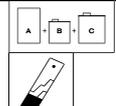
	Cromax® colour tools	See colour formula.	
 	Standard mixing ratio for 2K topcoats conform with directive 2004/42/EC	Centari® 5035 XK203	4 1
		Imron® Elite ET645 ET Thinners	3 1 0.4-0.7
		Imron® Elite HDC ET645 ET Thinners	3 1 0.4-0.7
 	Standard mixing ratio for 2K clears conform with directive 2004/42/EC	3550S XK203	4 1
		3750S / 3760S XK203 XB387	4 1 0.5
		3800S XK203	4 1
		CC6400 XK203 AZ9100	4 1 0.25
		CC6600 XK203 AZ9100	4 1 0.25
		EL500 ET645	4 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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PRODUCT PREPARATION (CON'D)

	Cromax® colour tools	See colour formula.	
	Standard mixing ratio for 2K topcoats not conform with directive 2004/42/EC	Centari® 500 HB 256S AK360	3 1 0.6
		Centari® 501 256S AB380	4 1 1
		Imron® 700 256S AU370	4-1 1 0.5-1
		Imron® Traffic ET645 ET Thinners	4 1 1
	Standard mixing ratio for 2K clears not conform with directive 2004/42/EC	120S 256S	3 1
		1200S 256S XB383	3 1 0.4
		679S 256S AB380/XB383	3 1 0.6
		696S 256S	3 1
		3050S 256S	3 1
		3050S XK203	4 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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SURFACE PREPARATION

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

EQUIPMENT CLEANING

Use a correct solventborne gunwash.

REMARKS

- Texturing binders **cannot** be used in basecoats nor undercoats.
- No need to add 805R to achieve flexibility, AU177 and AU179 are giving enough flexibility for semi-flexible plastic parts. Full flexible textured finishes cannot be obtained with this technology.
- Most of textured OEM colours can be retrieved from the Cromax[®] colour tools.
- Stir texturing binders thoroughly before use.
- AU177 and AU179 can be mixed together at any ratio.
- Material has to be at room temperature (18-25°C) before use.

PRODUCT DATA

Directive 2004/42/EC: 2004/42/IIIB(e)(840)600: The EU limit value for this product (product category: IIIB(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.

SAFETY

This product is classified according to regulation (EC) 1272/2008 (CLP). Consult Safety Data Sheet prior to use. It is strongly recommended to use appropriate personal protection equipment during application. Observe the precautionary notices displayed on the container.

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All other products referred to in the paint system build-up are from Cromax[®]. System properties will not be valid when the related material is used in combination with any other materials or additives not belonging to Cromax[®], unless explicitly indicated otherwise.

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