



UCROM

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TINTOMETRIC SYSTEM

DEFINITION

UCROM is a 2k polyester acrylic painting system used for car refinishing. Excellent application with high covering power that make it suitable for complete resprays as well as for spot repair works. It stands out for its good drying times and extremely hardness, ensuring optimum finish to final repair. The system is based on 19 solid bases and UB-100 Matting Agent.

This range of products does not comply with Directive 2004/42/EC, Annex II B, so it shall only be applied to coatings not included in such directive or in installations which comply with Directive 1999/13/EC.

PHYSICAL CHARACTERISTICS

Nature: Acrylic
Specific weight: 1,0-1,4 kg/l at 20°C
Dry film thickness: 50-70 microns 2 coats

AUXILIARY PRODUCTS

P4000 Hardener Slow
P5000 Hardener Standard
P6000 Hardener Fast
P7000 Hardener Extra Fast

S321 Thinner Fast
S322 Thinner Standard
S324 Thinner Slow

T° (°C)	Hardener/thinner	
	< 18	P6000-P7000 S322/S321
18 - 25	P5000-P6000- S322	P5000 S322/S324
> 25	P5000- S322/S324	P4000- S322/S324

SURFACE AND PREPARATION

New substrates: Apply over any 2k primer of Roberlo range.

Old paints: Sand with P400-P600 (dry) and P800-P1000 (humid) and degrease before painting.

MIXING RATIO

APPLICATION METHOD

Ucrom				
P4000	100:50:10-15 volume	2:1 + 10-15%	20°-23° F/4 20°C	5 h
P5000				5 h
P6000				2 h
P7000				2 h

	mm	bar	cm		
	1,2- 1,4	2-2,5	15 - 20		
	1,3-1,4	4	15 - 20	2	10'-15'
	1,2- 1,4	2	10		

DRYING TIMES

20°						60° C		Short wave IR		
									FLASH OFF	FULL BAKE
P4000	45'	5h	9h	11h	34h	P4000	35'	LIGHT	5'	10'
P5000	40'	4,5h	8h	10h	30h	P5000	30'	DARK	4'	8'
P6000	35'	2h	5h	7h	24h	P6000	-			
P7000	30'	2h	4h	6h	24h	P7000	-			

The temperature when drying will influence the final gloss level; different drying at varying ambient temperatures, oven or infrared drying will also result in different levels of gloss.

MIXING AND GLOSS TABLE BY WEIGHT

GLOSS LEVEL	UCROM	UB-100 Matting Agent	GLOSS % (^60°)
SEMI GLOSSY	65	35	40-90
	60	40	30-80
	55	45	20-65
SATIN	50	50	10-45

THE GLOSS CAN BE AFFECTED BY:

- Thickness of film
- Quantity of thinner to be added
- Drying time conditions
- Surface where it is applied

REMARKS

Once the bases of the formulation are weighted, shake well the mixture.
Use at temperatures between 18° and 22° C with relative humidity between 40-50 %.
A higher concentration of Matting Agent can cause loss of coverage and may be sensitive to scratching.
Possible colour differences may occur.
The gloss percentages may vary depending on the colour used.

SAFETY

Follow instructions of product label. For more information check the Safety Data Sheets.
Compliant with the National Statutory Regulation for Health and Safety at Work and Waste Disposal.

STORAGE

Store the product in a ventilated place far from direct exposure to sunlight. Keep between +5°C and +30°C.

SHELF LIFE

18 months in unopened original packaging.

SUGGESTION:

Available products:

Flash Accelerator Additive

A648 Blending Additive

For further information
contact with our Technical
Service.

For any technical information contact with our Customer Attention Service or our Technical Department. ROBERLO SA declines any responsibility due to an incorrect use of the product.