

ACRY-PUR 901-M

2K Matt Acrylic Polyurethane Single Stage

PRODUCTS

		E-900X Version	E-910X Version
Pigmented bases	DISOLAC	30	30
Binder	ACRY-PUR 901-M	70	70
Hardener	Standard Slow Fast	(E-9005) 5:1 (E-9003) 5:1 (E-9006) 5:1	(E-9105) 10:1 (E-9103) 10:1 (E-9106) 10:1
Reducer	SOLV UNIVERSAL 5 SOLV UNIVERSAL 3	20-30% 20-30%	30-50% 30-50%

DESCRIPTION AND PROPERTIES

- Single stage acrylic polyurethane finish.
- Matt – can be mixed with the ACRY-PUR 901-G to achieve the desired degree of gloss level (Gloss level table in Annex A, see below)
- Great quality of the finish.
- Easy to apply
- Recommended for all types of quality industrial application.
- It is necessary to be applied in installations that comply with Directive 1999/13/CE.

CHARACTERISTICS OF ACRY-PUR 901-M

Appearance	Matt	
Gloss	<10% at 60°	
Specific weight of the Binder	9,2 lb/gal @ 68°F	
Solid content (binder)	42-46% (weight)	26-30% (volume)
Solid content ready to use (without dilution)	48-52% (weight)	32-36% (volume)
VOC ready to use	> 4,2 lb/gal	
Dry film thickness	1.6-2 mils (2 coats)	
Theoretical Coverage Per Gallon of binder @ 1 mil DFT	585-890 ft ²	
Theoretical Coverage Per Gallon of mixing without dilution @ 1 mil DFT	490-555 ft ²	


SUBSTRATE AND PREPARATION OF THE SURFACE





	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P320/400	DA93
Plastic parts	--	--	--
Steel	--	--	--
Galvanized steel	--	--	--
Aluminum	--	--	--
PRIMERS			
Primanyl 5011	DA93	--	--
Primapox 6021	DA93	Optional (P320)	DA93
Primapox 6041	DA93	Optional (P320)	DA93

For other kind of substrates consult the Technical Service (SAT).

APPLICATION



	SMALL SURFACE		LARGE SURFACE	
T(°F)	Hardener	Reducer	Hardener	Reducer
64-77	E-9005/E-9006 E-9105/E-9106	SOLV UNIVERSAL 5	E-9005 E-9105	SOLV UNIVERSAL 5
>77	E-9005 E-9105	SOLV UNIVERSAL 5	E-9005/E-9003 E-9105/E-9103	SOLV UNIVERSAL 3

	Mixing ratio Disolac/Binder (in weight)	30/70	
	Mixing ratio Hardener (in volume)	Pigmented	Clear coat
		5:1 (E-900X) 10:1 (E-910X)	3,5:1 (25% in weight) (E-900X)
	Electrostatic application (in volume)	---	

	Application	% reducer (VOLUME)	Viscosity (68°F) FORD CUP 4	Pressure (psi)	Product Pressure (psi)	Nozzle (inches)	Num. of Coats x µm dry	Flash off (min)
	Gravity feed spray gun	20-30% (E-900X) 30-50% (E-910X)	17-22 sec F/4 68°F	29-36	---	0.05-0.06	2x25	10-20 min 68°F
	Gravity feed spray gun HVLP	20-30% (E-900X) 30-50% (E-910X)	17-22 sec F/4 68°F	29-32	---	0.05-0.06	2x25	10-20 min 68°F
	Pot life:	4 hrs (E9005)						

If the application requires the use of an additive, it should be taken into account in the addition of solvent.

DRYING

 TEMPERATURE	 HANDLING	THROUGH DRY
68° F	4hrs - 4hrs 30 min	6hrs
140° F	---	30min

The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 64-72°F) or in a shorter time at a higher temperature.

ADDITIONAL ADDITIVES FOR SPECIAL USES

SITUATION	ADDITIVE	DESCRIPTION	EFFECT
Craters	Additive Anticrater Disolac	Film protection from outdoor polluting agents	Anticrater; film protection
Weathering resistance /UV filters	Additive UV	Protection of the coating film against UV layers	Increases the durability of the coating film
Overspray sensitivity /Too fast drying of the film	Flow Additive	Improve the application, for example in the application of large surfaces or in dry conditions	Keeps the film opened for a longer time
Fast drying	E9006	Decreases drying times if needed	Decreases drying times
Slow drying	E9003	Increases drying times if needed	Increases drying times
Degreasing	DIS226 DA93	DIS226 for plastics and surfaces electrostatically chargeable. DA93 for greasy surfaces.	

For use and instructions of the additives consult the technical data sheet of each product.

REMARKS

- Recommended to be used in ventilated spray booth at 68°F.
- The degree of gloss level depends on the color applied, dry thickness, substrate and temperature.
- For applications on large surfaces, it is advisable to use slower drying products (slow hardener, slow reducer) also related to ambient temperature.

EQUIPMENT CLEANING

- Use a cleaning reducer before the pot life has expired.

SAFETY

- Follow instructions of product label.
- For more information, check the Safety Data Sheet.
- 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 +40°F and +90°F.

SHELF LIFE

- One year in unopened original packaging.

ANNEX A

Brightness table (60° angle)

Pigmented bases	ACRY PUR 901G	ACRY PUR 901M	E9005 (in volume of colour)	GLOSS (^60°)	CATEGORY
30	70	0	3:1	>94	GLOSSY
30	50	20	3:1	85-90	SEMI-GLOSSY
30	35	35	3,5:1	70-85	SATIN
30	20	50	4:1	30-55	SATIN
30	0	70	5:1	<15	MATT

Degree of brightness obtained through the mixture ratio Pigmented Base / Binder (30/70)

The degree of brightness depends on the color applied, dry thickness, substrate, drying temperature

ANNEX B – CLEAR COAT

Brightness table (60° angle)

ACRY PUR 901G	ACRY PUR 901M	UV ADDITIVE	E9005 (in volume of clear coat)	GLOSS (^60°)	CATEGORY
100	0	3	2,2:1	>94	GLOSSY
70	30	3	2,6:1	85-90	SEMI-GLOSSY
50	50	3	2,9:1	70-85	SATIN
30	70	3	3,1:1	30-55	SATIN
0	100	3	3,5:1	<10	MATT

Gloss level obtained by using the binder as a clear coat.

The gloss level depends on the color of the previous coat, dry film thickness, substrate, drying temperature, etc.

These products are for professional use only. The Safety Data Sheet should be consulted before use and the precautionary warnings on the product packaging should be observed. Its correct use, according to its purpose and respecting its technical and security data, provided in these documents, is the sole and exclusive responsibility of the user. ROBERLO S.A.U declines any liability due to the incorrect use of any product.

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