

ACRY-PUR 901-G

2K Glossy Acrylic Polyurethane Single Stage

PRODUCTS

		E-900X Version	E-910X Version
Pigmented bases	DISOLAC	30	30
Binder	ACRY-PUR 901-G	70	70
Hardener	Standard	(E-9005) 3:1	(E-9105) 6:1
	Slow	(E-9003) 3:1	(E-9103) 6:1
	Fast	(E-9006) 3:1	(E-9106) 6:1
Reducer	SOLV UNIVERSAL 5	20-30%	30-50%
	SOLV UNIVERSAL 3	20-30%	30-50%

DESCRIPTION AND PROPERTIES

- High hardness, good gloss and weather resistance.
- Glossy – can be mixed with ACRY PUR 901-M to achieve the desired level of brightness (As shown in the brightness table in Annex A)
- Great quality of the finish.
- Easy application and fast drying.
- Recommended for all types of quality industrial application.
- It is necessary to be applied in installations that comply with Directive 2010/75/EU.
- It can be used as a clear coat, without pigment bases, applying it on basecoat. In this case, addition of *UV Additive* is recommended.
- High chemical resistance to motor oil, diesel, osmotized water, H₂SO₄, NaOH and HCl.

CHARACTERISTICS OF ACRY-PUR 901-G

Appearance	Smooth	
Gloss	>94 at 60°, >84% at 20°	
Specific weight of the Binder	8,3 lb/gal @ 68°F	
Solid content (binder)	48-52 % (weight)	40-44% (volume)
Solid content ready to use (without dilution)	45-55 % (weight)	40-45 % (volume)
Dry film thickness	1.6-2 mils (2 coats)	
Theoretical Coverage Per Gallon of binder @ 1 mil DFT	1010-1330 sq ft	
Theoretical Coverage Per Gallon of mixing without dilution @ 1 mil DFT	640-720 sq ft	
Corrosion category system - 6041+901G (ISO 12944)	C5 Medium (7.1 mils +2.4 mils)	


SUBSTRATE AND PREPARATION OF THE SURFACE





	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P360/400	DA93
Plastic parts	--	--	--
Steel	--	--	--
Galvanized steel	--	--	--
Aluminum	--	--	--
PRIMERS			
Primanyl 5011	DA93	---	---
Primapox 6021	DA93	Optional (P320)	DA93
Primapur 9051	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
		3:1 (E-900X) 6:1 (E-910X)	2,2:1 (46% in weight) (E-900X)
	Electrostatic application (in volume)	---	

	Application	% Reducer (Vol.)	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)	19 sec – 22 sec F/4 68°F	29-36	---	0.5-0.6	2x25	5-10 min 68°F
	Gravity feed spray gun HVLP	20-30% (E-900X) 30-50% (E-910X)	19 sec – 22 sec F/4 68°F	29-32	---	0.5-0.6	2x25	5-10 min 68°F
	Suction feed spray gun	20-30% (E-900X) 30-50% (E-910X)	19 sec – 22 sec F/4 68°F	44-51	---	0.5-0.7	2x25	5-10 min 68°F
	Pot life	3,5-4hrs (E-9005)						

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	2hrs – 2hrs 30 min	3hrs – 3hrs 30 min
140° F	30 min	---

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.

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	E-9005 (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	E-9005 (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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