

# ACRY-PUR 902-G

## 2K Glossy Acrylic Polyurethane Single Stage

### PRODUCTS

Pigmented bases	<b>DISOLAC</b>	30
Binder	<b>ACRY-PUR 902-G</b>	70
Hardener	<b>E9005 standard</b>	2:1
	<b>E9003 slow</b>	2:1
	<b>E9006 fast</b>	2:1
Thinner	<b>PU74 standard</b>	0-20%
	<b>PU74L slow</b>	0-20%

### DESCRIPTION AND PROPERTIES

- High brightness and durable
- Great quality of the finish and good weather resistance.
- Ideal for finishes in commercial vehicles, agricultural machinery and construction projects where the final finish is an important requirement.
- It can be used as a clearcoat, without pigment bases, applying it on basecoat. In this case, addition of *UV Additive* is recommended.

### CHARACTERISTICS OF ACRY-PUR 902-G

<b>Appearance</b>	Smooth	
<b>Gloss</b>	>92 at 60°, 90% at 20°	
<b>Specific weight of the Binder</b>	1,0 kg/l at 20°C	
<b>Solid content (binder)</b>	53-57 % (weight)	51-55% (volume)
<b>Solid content ready to use (without dilution)</b>	49-54 % (weight)	50-55 % (volume)
<b>VOC ready to use 20% dilution</b>	< 500 g/l - 2004/42/EC - IIA(j)(500)	
<b>Dry film thickness</b>	40-50 microns (2 coats)	
<b>Theoretical yield 1 µm per litre of binder</b>	800-1100 m <sup>2</sup> /l	
<b>Theoretical yield 1 µm per litre of mixing without dilution</b>	450-500 m <sup>2</sup> /l	
<b>Corrosion category system 6021+902G (ISO 12944)</b>	C4 high /C5M medium (85µm+45µm)	



## SUBSTRATE AND PREPARATION OF THE SURFACE


	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P360/400	DA93
Plastic parts	--	--	--
Steel	--	--	--
Galvanised steel	--	--	--
Aluminium	--	--	--
<b>PRIMERS</b>			
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(°C)	Hardener	Thinner	Hardener	Thinner
18-25	E9005/E9006	PU74	E9005	PU74
>25	E9005	PU74	E9005/E9003	PU74L

Flow additive



	Mixing ratio Disolac+/Binder (in weight)	30/70	
	Mixing ratio Hardener (in volume)	Pigmented	Clear coat
		2:1	1:1
	Electrostatic application (in volume)		

	Application	% thinner (Vol.)	Viscosity - 20°C (Ford Cup 4)	Pressure (BAR)	Product Pressure (BAR)	Nozzle (mm)	Num. of Coats x µm dry	Flash off (min)
	Gravity feed spray gun	10-15%	20"-23°F/4 20°C	2-3	---	1,3-1,5	2x25	10' 20°C
	Pot life	8 hours						

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
20° C	3h15'-3h30'	5h-5h30'
60° C	---	30'

*The product reaches its maximum performance after 15 days of drying in the air (ambient temperature 18-22°C) or in a shorter time at a higher temperature.*

## ADDITIONAL ADDITIVES FOR SPECIAL USES

SITUATION	ADDITIVE	DESCRIPTION	EFFECT
Craters	<b>Additive Anticrater Disolac</b>	Film protection from outdoor polluting agents	Anticrater; film protection
Weathering resistance /UV filters	<b>Additive UV</b>	Protection of the coating film against UV layers	Increases the durability of the coating film
Overspray sensitivity /Too fast drying of the film	<b>Flow Additive</b>	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	<b>E9006</b>	Decreases drying times if needed	Decreases drying times
Slow drying	<b>E9003</b>	Increases drying times if needed	Increases drying times
Hard surface	<b>P115</b>	Decreases drying times and increases the hardness if required, for example in parts that need to be handled fast	Increases the hardness of the coating film
Degreasing	<b>DIS226 DA93</b>	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 +5°C and +30°C.

## GUARANTEE

- One year in unopened original packaging.

*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..*

