

# PUR 870

## 2K Polyurethane for PVC

### PRODUCTS

Pigmented bases	<b>DISOLAC</b>	20
Binder	<b>PUR 870</b>	80
Hardener	<b>E9005 standard</b>	4:1
	<b>E9003 slow</b>	4:1
Thinner	<b>PU74 standard</b>	0-20%
	<b>PU74L slow</b>	0-20%

### DESCRIPTION AND PROPERTIES

- 2K satin polyurethane paint.
- Direct adhesion to PVC.
- Good chemical resistance, hardness and flexibility.
- It is necessary to be applied in installations that comply with Directive 1999/13/EC.

### CHARACTERISTICS OF PUR 870

<b>Appearance</b>	Satin	
<b>Gloss</b>	60-80% at 60°	
<b>Specific weight of the Binder</b>	1,2 kg/l at 20°C	
<b>Solid content (binder)</b>	56-60 % (weight)	41-45% (volume)
<b>Solid content ready to use (without dilution)</b>	55-60 % (weight)	41-46 % (volume)
<b>VOC ready to use</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>	560-760 m <sup>2</sup> /l	
<b>Theoretical yield 1 µm per litre of mixing without dilution</b>	425-475 m <sup>2</sup> /l	

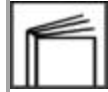
### SUBSTRATE AND PREPARATION OF THE SURFACE



	CLEANING	SANDING	FINAL CLEANING
Old paints	D226	P360/400	D226
PVC	D226	--	--

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

## APPLICATION



	SMALL SURFACE		LARGE SURFACE	
T(°C)	Hardener	Thinner	Hardener	Thinner
18-25	E9005	PU74	E9005	PU74
>25	E9005	PU74	E9005/E9003	PU74L

	Mixing ratio Disolac+/Binder (in weight)	20/80	
	Mixing ratio Hardener (in volume)	Pigmented	Clear coat
		4:1	---
	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"	2-3	---	1,3-1,5	2x25	10' 20°C
	Pot life	6 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	3h-3h30'	24h
60° C	---	45'

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
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.

## REMARKS

- The recommended base/binder ratio is 20/80 in weight, except for colours that do not cover well, when 30/70 can be used.
- Recommended to be used in ventilated spray booth at 20°C.

## EQUIPMENT CLEANING

- Use a cleaning thinner 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 +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.

