

# PUR 840-S

## 2K Satin Anticorrosion Polyurethane Single Stage

### PRODUCTS

Pigmented bases	<b>DISOLAC</b>	20
Binder	<b>PUR 840-S</b>	80
Hardener	<b>E9005 standard</b>	4:1
	<b>E9003 slow</b>	4:1
	<b>E9006 fast</b>	4:1
Thinner	<b>SOLV UNIVERSAL 5</b>	0-20%
	<b>SOLV UNIVERSAL 3</b>	0-20%

### DESCRIPTION AND PROPERTIES

- 2K satin anticorrosion polyurethane paint.
- Good chemical resistance.
- Direct adhesion to iron, stainless steel, galvanized, cast iron, electrozinc, aluminium, ABS, PVC, methacrylate and gel coat.
- Reaction to fire CLASS B-s1,d0 (UNE-EN 13501-1:2007+A1:2010).
- The product must be applied in installations that comply with Directive 1999/13/EC.

### CHARACTERISTICS OF PUR 840-S

<b>Appearance</b>	Satin	
<b>Gloss</b>	75-80% at 60°	
<b>Specific weight of the Binder</b>	1,1 kg/l at 20°C	
<b>Solid content (binder)</b>	52-56 % (weight)	42-46% (volume)
<b>Solid content ready to use (without dilution)</b>	52-57 % (weight)	42-47% (volume)
<b>VOC ready to use</b>	> 500 g/l - 2004/42/EC - IIA(j)(500)	
<b>Dry film thickness</b>	60-70 microns (2 coats)	
<b>Theoretical yield 1 µm per litre of binder</b>	540-740 m <sup>2</sup> /l	
<b>Theoretical yield 1 µm per litre of mixing without dilution</b>	400-450 m <sup>2</sup> /l	





## SUBSTRATE AND PREPARATION OF THE SURFACE

	CLEANING	SANDING	FINAL CLEANING
Old paints	DA93	P360/400	DA93
Steel	DA93	--	--
Galvanised steel	DA93	--	--
Aluminium	DA93	--	--

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



## APPLICATION

T(°C)	SMALL SURFACE		LARGE SURFACE	
	Hardener	Thinner	Hardener	Thinner
18-25	E9005/E9006	SOLV UNIVERSAL 5	E9005	SOLV UNIVERSAL 5
>25	E9005	SOLV UNIVERSAL 5	E9005/E9003	SOLV UNIVERSAL 3

	Mixing ratio Disolac/Binder (in weight)				20/80			
	Mixing ratio Hardener (in volume)				Pigmented		Clear coat	
	Electrostatic application (in volume)				4:1		-	
	<b>Application</b>	<b>% thinner (Vol.)</b>	<b>Viscosity - 20°C (Ford Cup 4)</b>	<b>Pressure (BAR)</b>	<b>Product Pressure (BAR)</b>	<b>Nozzle (mm)</b>	<b>Num. of Coats x µm dry</b>	<b>Flash off (min)</b>
	Gravity feed spray gun	15-20%	20"-23"	2-3	---	1,3-1,5	2x30	10' 20°C
	Pot life	6-7 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	2h-2h30'	3h30'-4h
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
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

- 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.

*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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