



INDUSTRIAL COATINGS

# INDUSTRIAL TINTOMETRIC SYSTEM

**DISOLAC<sup>®</sup>**

INDUSTRIAL COATINGS



## System

Disolac is an industrial paint brand made up of a tintometric system and a set of auxiliary products. The Disolac range allows us to be a complete supplier of paint solutions for different sectors:



**STRUCTURES**



**COMMERCIAL  
VEHICLES**



**AGRICULTURAL  
AND CONSTRUCTION  
MACHINERY**



**SIGNS  
AND ADVERTISEMENT  
INDUSTRY**



**HOUSEHOLD DECORATION  
AND MAINTENANCE**



**INDUSTRIAL  
MAINTENANCE**



**URBAN  
FURNITURE**

Disolac offers over 40 different finish qualities through an extensive range of high performance binders. This versatility allows an extensive range of systems to be obtained and to ensure all market demands are met, irrespective of size, technical requirements or customer needs.

**Disolac has 27 high-concentration pigmented bases made up of 22 solid colours, 3 metallic, 2 pearl bases and more than 30 binders which makes possible to create more than 19,000 colors.**



## Our processes and coating systems have been tested according to ISO 12944.

ISO 12944 is an international standard on corrosion protection of steel structures by protective paint systems.

### Classification of environments according to ISO 12944-2

CORROSIVITY CATEGORIES	OUTDOOR AREAS	INDOOR AREAS
C1	-	Buildings with heating and clean environments
C2	Environments with low levels of contamination	Buildings with no heating where condensation may occur
C3	Urban and industrial environments with moderate contamination	Manufacturing plants with high humidity and mild air contamination
C4	Industrial and coast areas with moderate salinity	Chemical plants, pools, coastal boats, shipyards
C5	Industrial areas with high humidity and aggressive environment, and coastal areas with high salinity	Buildings or areas with almost permanent condensation and high contamination

### Periods of durability

**Low (L):** Up to 7 years

**Medium (M):** 7-15 years

**High (H):** 15-25 years

**Very High (VH):** more than 25 years



These durability ranges estimate the lifetime of the system in order to be able to implement a maintenance programme.

### Test procedures for systems applied on steel (ISO 12944-6).

CORROSIVITY CATEGORIES	DURABILITY INTERVALS	ISO 2812-2 (water immersion)	ISO 6270-1 (water condensation)	ISO 9227 (neutral salt spray)
		h	h	h
C2	Low	-	48	-
	Medium	-	48	-
	High	-	120	-
	Very High	-	240	480
C3	Low	-	48	120
	Medium	-	120	240
	High	-	240	480
	Very High	-	480	720
C4	Low	-	120	240
	Medium	-	240	480
	High	-	480	720
	Very High	-	720	1440
C5	Low	-	240	480
	Medium	-	480	720
	High	-	720	1440
	Very High	-	-	-



## Binders

### DTM

<b>ACRY-PUR 940 SMARTECH (G)</b>	Low VOC Direct to metal anticorrosive binder with high gloss that provides an outstanding finish while optimizing the painting process
<b>PUR 844 SMARTECH (G/M)</b>	Low VOC solution with direct adhesion to metal; high anticorrosive protection and resistance to UV as well as harsh weather.
<b>PRO 84X SMARTECH (G/M)</b>	PRO 84X is a 2k acrylic polyurethane coating with a mix ratio of 6:1. Both its high mechanical and chemical resistance make it an ideal product for coating the visible parts of trailers, pickups or other visible surfaces that may be exposed to more extreme conditions, both physical and environmental.
<b>745 SMARTECH (G)</b>	Low VOC, high gloss, high quality 1K anticorrosive direct to metal topcoat
<b>PUR 840 (G/M/S)</b>	2K anti-corrosion polyurethane family for direct adhesion on metal. It has good chemical resistance, with different gloss grades available.
<b>SINT 744 (G/M)</b>	Anti-corrosion 1K synthetic resin with direct adhesion to metals. There is the option of different gloss finishes.
<b>SINT 742 (G/M)</b>	Synthetic family that offers an economic and quality solution with direct adhesion on iron and steel. Different gloss grades can be created.

### TWO STEPS BINDER

<b>ACRY-PUR 902-G</b>	2K acrylic-polyurethane resin, with high gloss, hardness and weather resistance. Very easy to apply and therefore recommended for any quality industrial application.
<b>ACRY-PUR 901 (G/M)</b>	2K acrylic paint with high hardness, good gloss and weather resistance. Different gloss grades are available.
<b>PUR 802 (G/M)</b>	2K polyurethane family that offers very fast drying and a very hard finish. It offers a perfect solution for all those applications where fast drying is required.
<b>PUR 804-G</b>	2K polyurethane binder designed for all applications where high thickness is required. Essential product for airless applications.
<b>PUR 800 (G/S/M)</b>	2K polyurethane family with good chemical resistance, hardness and flexibility. Very easy to apply and recommended for any industrial application. Different finishes can be created.
<b>DISOTRANS</b>	Acrylic binder with low solvent content that meets the VOC regulations.
<b>SINT 700 (G/S)</b>	Very durable synthetic resin. Recommended for industrial applications in general.
<b>SINT 702-S</b>	Very durable and high-density synthetic resin. Designed for applications that require a greater thickness.
<b>EPO 600-G</b>	2K epoxy paint with gloss finish and high chemical resistance. Appropriate for any industrial application where high resistance is required.

## Binders

### SPECIAL PRODUCTS

**PUR 882**

Satin finish, textured 2K polyurethane resin. The degree of texturing can be varied depending on the set viscosity, air pressure and nozzle used.

**PUR 888**

2K polyurethane paint which provides a rough, anti-slip finish with high wear resistance.

**PUR 870**

2K satin polyurethane paint with direct adhesion on PVC.

**PUR 890**

2K polyurethane resin with matt finish and forged-metal appearance. It provides anti-corrosion properties and direct adhesion on the metal.

**ACRYL 170**

1K paint formulated with acrylic resins with semi-gloss appearance and very fast drying. Very flexible and specially designed for lettering of canvas and awnings.

**ACRYL 172**

Quick-drying 1K acrylic paint. Particularly suitable for painting of acrylic glass surfaces.

**ACRYL 173**

1K paint formulated with acrylic resins. It offer us a fast drying, glossy finish and a hard film.

**SINT 300**

Quick-drying chlorinated rubber resin. It is water resistant which allows it to be used in numerous applications

**SINT 470**

1K quick-drying, semi-gloss nitrosynthetic paint. Designed for industrial applications that require very fast drying times.

**SINT 705-G**

Synthetic resin that offers excellent hardness and mechanical and chemical resistance. Specially designed for applications when oven drying is required.

**SINT 780**

1K alkyd paint for brush application. High gloss, specially developed for application by brush and roller.

**SINT 790**

1K anti-corrosion alkyd paint with forged metal finish and direct adhesion on iron.

**EPO 680**

Satin finish 2K epoxy paint with high chemical resistance, specially designed for use on industrial floors and surfaces.



## Primers

### 2K

**PRIMAPOX 6031** Polyamide-cured zinc-rich epoxy primer (containing >80% zinc powder in dry-coat).

**PRIMAPOX 6041** Anti-corrosion, high-thickness epoxy primer with adhesion to all types of metals.

**PRIMAPOX 6041 TINTABLE** Anti-corrosion, high-thickness epoxy tintable primer with adhesion to all types of metals.

**PRIMAPOX 6051** Epoxy primer with adherence to all types of metals (steel/iron, galvanized, aluminium, etc.) Highly versatile primer that can be sprayed with airless and aimix equipment as well as traditional spray guns.

**PRIMANYL 5011** Chromate-free phosphate primer. Its main functions are to guarantee good adhesion and protect the metal from corrosion.

**PRIMAPUR 9021** Wet-on-wet polyurethane primer, suitable for repairing commercial vehicle fleets, such as buses, truck cabs, vans, etc.

**PRIMAPUR 9051** Polyurethane primer, anti-corrosion, with adhesion to every type of metal substrate. Can be used as a first thick coat due to its low tendency to sag.

**PRIMAPUR 9041** Polyurethane primer designed for repairing commercial vehicles.

**PRIMAPUR 9141** Primer that acts as a sealant with direct adhesion on paint without the need for sanding. Fully aimed at the refinishing of fleets.

**PRIMAPUR 9071** Polyurethane Primer, adherent to multiple substrates. Highly versatile product with applications to different sectors.

### 1K

**PRIMALKYDE 7001** Anti-corrosion, single-component alkyd primer, with adhesion to iron and steel. Can be coloured by 5 to 10% with the Disolac bases.

**PRIMANYL 5401** Single-component, epoxy ester primer, with anti-corrosion properties and medium thickness. It adheres to metals: iron, steel, galvanised and aluminium.

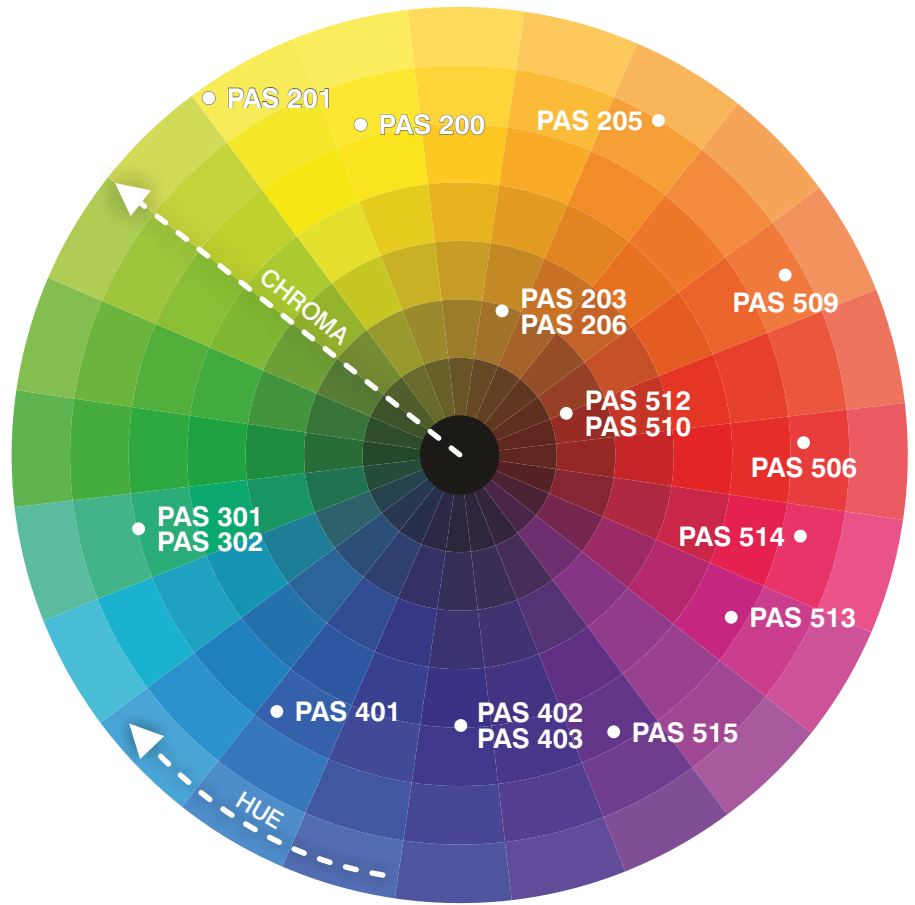
**PRIMANYL 5501** Single-component, anti-corrosion epoxy primer which is weldable and has low thickness. It adheres to metals (iron, steel, galvanised and aluminium).





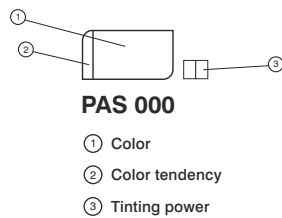
## SOLID CONCENTRATED BASES

<b>PAS 101</b> CONCENTRATED WHITE	<b>PAS 102</b> MIXTURES WHITE
<b>PAS 200</b> HELIUM YELLOW	<b>PAS 201</b> YELLOW OXIDE
<b>PAS 203</b> YELLOW OXIDE	<b>PAS 205</b> ORANGE YELLOW
<b>PAS 301</b> HELIUM GREEN	<b>PAS 401</b> HELIUM BLUE
<b>PAS 402</b> BLUE REDDISH	<b>PAS 506</b> HELIUM RED
<b>PAS 509</b> ORANGE	<b>PAS 512</b> OXIDE RED
<b>PAS 513</b> MAGENTA	<b>PAS 514</b> RED VIOLET
<b>PAS 515</b> VIOLET	<b>PAS 601</b> CONCENTRATED BLACK
<b>PAS 603</b> INTENSE BLACK	

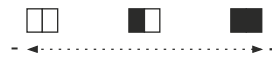
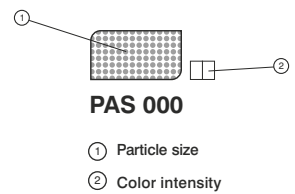


## SIMBOLOGY

### SOLID BASES



### METALLIC AND PEARL BASES



## SOLID TONER BASES

<b>PAS 206</b> TONER OXIDE YELLOW	<b>PAS 302</b> TÓNER HELIUM GREEN
<b>PAS 403</b> TONER BLUE REDDISH	<b>PAS 510</b> TONER OXIDE RED
<b>PAS 604</b> TONER MIXING BLACK	

## METALLIC BASES

<b>PAS 711</b> ALUMINIUM FIN	<b>PAS 712</b> ALUMINIUM MEDIUM	<b>PAS 713</b> ALUMINIUM HEAVY

## PEARL BASES

<b>PAS 811</b> WHITE PEARL	<b>PAS 821</b> GOLD PEARL

## Color tools

### iCROM



iCROM

iCROM software is the platform for simple, effective navigation in Roberlo's world of colours. The software has been developed with the intention of making the search and colour mixing process as easy as possible, while also being fast and intuitive. All the formulas are included in the Roberlo software together with their respective TDS and MSDS.

In addition, it is a very complete platform that makes it possible to control extensive management parameters, such as stock, prices, margins, etc.

With PROJECT TOOLS you will be able to calculate the value of the painting process for a new project. It is undoubtedly a very useful tool that will help you to increase efficiency in your business.

### Crom Industry Suitcase

In addition, we also have the Crom-Industry Suitcase, a kit with more than 2,500 colours.

The colours are arranged chromatically in order to facilitate and speed up the colour matching.

We also have the colour charts in most demand on the market: RAL, BS, NCS and PANTONE.



### xLAC

Matching made easy. Our xLAC colour reader is the ideal tool if you want to obtain an exact colour code quickly and easily. It includes several colour charts previously loaded in the tool and updatable, so you can use it very flexibly, anywhere and anytime.



### xCROM VISION

The multi-angular spectrophotometer is designed to provide coherent and exact color measurements.

Characteristics:

- Textured Color Camera
- 5 Measuring Angles
- Easy-to-Use Interface
- Interactive Touchscreen
- Specific Color Software
- Docking Station Integrated









The Group's **20 subsidiaries**, **2 production plants** and commercial presence in more than **120 countries** attests to its global vision in the market.





	Headquarters
	Production plants
	Commercial subsidiaries
	Commercial presence

