

# DISOLAC

## Tintometric System for Industry

### DESCRIPTION

- It is a highly productive mixing system consisting of 27 highly concentrated pigmented bases, 22 of which are solid colours, 3 aluminium bases and 2 pearled bases. The system enables optimal performance and profitability levels to be guaranteed for an extensive range of industrial applications, such as: structures, commercial vehicles, agricultural and construction machinery, signs and advertisement industry, household decoration and maintenance, industrial maintenance and urban furniture.
- The system enables more than 50 finishes which is achieved using the applicable binders.
- Applicable software is available to select the colour formula and calculate the price.

### PHYSICAL CHARACTERISTICS

Specific weight	See Annex
VOC	See Annex

### RECOMMENDATIONS FOR USE

- There are 2 types of storage and preparation of this kind of tintometric system:
  - MANUAL USE: Storing the products on the mixing machine allowing periodic mechanical stirring before use.
  - AUTOMATIC USE: Placing the tinters on the mixing machine so that the mixing can be done automatically.

In both cases, before placing the tinters on the machine, stir the product manually until a homogeneous mixture is reached.

- Once stirred, place the tinters onto the mixing machine and fit the relevant lid and paddle:  
90504- MIXING LID 3,5L FT X5 DS-Premium  
89667-Mixing lid 1L FT X5-Classic
- Apart from the tinters on the system, we also recommend to place frequently used binders on the mixing machine. We have used some examples below of the popular binders for your reference.  
SINT 300, EPO 600-G, EPO 680, SINT 740-S, SINT 700-S, SINT 740-G, SINT 702-S, PUR 800-S, PUR 882, PUR 800-M, PUR 840-G, PUR 840-M, PUR 840-S, PUR 870, ACRY-PUR 900-M, ACRY-PUR 940-S
- Binders SINT 790, PUR 890, PUR 888 should always be shaken manually at the time of use.



- To ease the storage and dispensing of the binder, there is this lid available:  
88128 - Dispenser lid 4L Reinforced ref: 2671MX
- With the manual machine it is recommended to stir the tinters for 15' at the beginning of the shift and for 5' during the middle of the shift and at the end.

## **PAINT PREPARATION**

- 1- Select a specific finish depending on the requirements and the colour.
- 2- Calculate the price of the mixture with the software and choose the label of the binder depending on the quality chosen.
- 3- Prepare the paint following the formula by weight.
- 4- Ensure the tinters and binders where applicable have been mechanically stirred.
- 5- Weigh each tinter in the colour formula in the correct order as they appear in the software (the first to be weighted must be the one with the higher weight)
- 6- Stir the mixed paint to obtain a homogeneous colour.
- 7- Add the binder gradually to the prepared colour whilst mixing. The best results are achieved when 10% of the binder is thoroughly mixed into the colour before adding the rest of the binder.
- 8- Manually finish off mixing the colour. Whenever possible, mechanical stirring is always recommended. If this is not possible always ensure that the mix is thorough. NEVER store or sell the paint without this being done.

## **REMARKS**

- DISOLAC tinters must be used with a binder.
- DISOLAC tinters under the reference "HELIUM" are transparent and therefore they need to be mixed with other tinters in order to obtain a covering colour.

## **AUXILIARY PRODUCTS**

- HARDENERS PU: E-9005 Standard, E-9003 Slow, E-9006 Fast / E-9105 Standard, E-9106 Fast
- HARDENERS EPOXY: E-6005 Epoxy, E-6105 Epoxy Fast
- THINNERS: MV, PU74 Normal, PU74 Slow
- ADDITIVES: T-905 Matting Agent, Flash, Retardant Additive, Additive Anticrater Disolac, Additive UV, Flow Additive, Antigraffiti Additive, Textured Additive, Brush Additive

## 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.*



**ANNEX**

	<b>Bases</b>	<b>Density (Kg/l)</b>	<b>VOC (g/l)</b>
PAS 101	CONCENTRATED WHITE	2,31	353
PAS 102	MIXING WHITE	1,77	340
PAS 200	HELIUM YELLOW	1,04	358
PAS 201	GREENISH YELLOW	2,00	519
PAS 203	OXIDE YELLOW	1,64	368
PAS 205	ORANGE YELLOW	1,33	389
PAS 206	OXIDE YELLOW TONER	1,06	300
PAS 301	HELIUM GREEN	1,15	567
PAS 302	HELIUM GREEN TONER	1,02	389
PAS 401	HELIUM BLUE	1,06	394
PAS 402	REDDISH BLUE	1,04	510
PAS 403	REDDISH BLUE TONER	1,01	392
PAS 506	HELIUM RED	1,06	483
PAS 509	ORANGE	1,04	400
PAS 510	OXIDE RED TONER	1,04	344
PAS 512	OXIDE RED	1,49	425
PAS 513	MAGENTA	0,99	482
PAS 514	RED VIOLET	1,04	420
PAS 515	VIOLET	1,01	695
PAS 601	CONCENTRATED BLACK	1,11	388
PAS 603	INTENSE BLACK	1,04	550
PAS 604	MIXING BLACK TONER	1,02	351
PAS 711	FINE ALUMINIUM	1,09	322
PAS 712	MEDIUM ALUMINIUM	1,08	341
PAS 713	COARSE ALUMINIUM	1,10	347
PAS 811	WHITE PEARL	1,09	322
PAS 821	GOLD PEARL	1,09	322