

IrisECO

Highly concentrated
water-based pigment
dispersions for factory

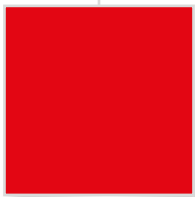


inspired by nature



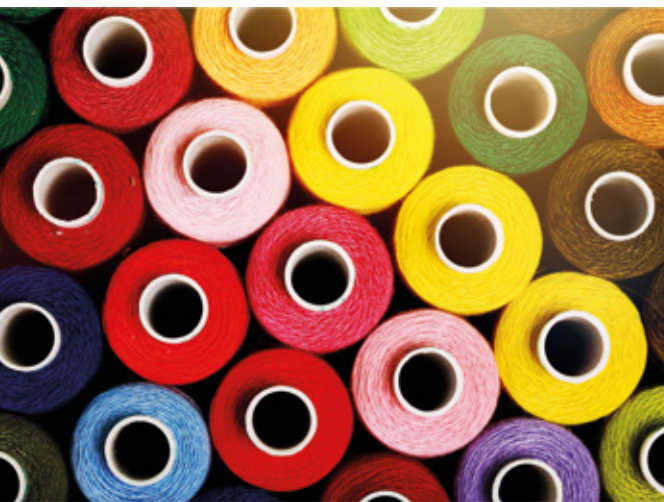
IrisECO

Highly concentrated water-based pigment dispersions for factory



For over 20 years, our mission has been to work alongside our customers, helping them to make the best of their colour offer:

Create Value through Colour



IrisECO is our series of water-based high concentrated pigment dispersions for in-plant tinting. Developed for architectural paints, is used also in industrial paints, wood coatings and various other applications. Our colorants are binder-free, **VOC-free**, **APE-free**, **Formaldehyde-free** and allow the final product to meet the most stringent health and environmental regulations.

IrisECO colorants are produced based on strict quality specifications for perfect reproducibility of colour strength, tone and rheology.



IrisECO



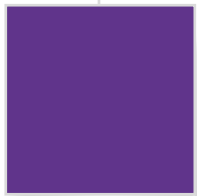
Selection:

- **Organic for Interiors and Exteriors:** colorants identified with (*) are suitable for use both indoors and outdoors, the others are for indoors only
- **Inorganic for Interiors and Exteriors:** all suitable for use both indoors and outdoors and all recommended for use in silicates, siloxanes and silicone paints, even in environments with high alkalinity
- **Inorganic Reflective Solar Rays:** offer a high TSR and contribute to reducing heat absorption in plasters and façade systems
- **Inorganic Wood:** transparent iron oxides offer a good range of semi-transparent **colours for wood paints**

In addition, we are often asked to develop customized products and countertypes to improve tinting systems in use. In the last 15 years we have developed, in the various lines, more than 500 custom references.

Advantages:

- high concentration, control both by weight and volume, excellent repeatability from batch to batch, combined with a competitive price make IrisECO an economic and quality solution
- formulated for façade paints, allows for high levels of: water repellency, light fastness and weather resistance
- set of 49 colorants which find application in various sectors such as: Architectural and Industrial Paints, Wood Coatings, Cements, Flooring, Glass, Inks, Leather, Textiles, Children's Paint, Detergents, Educational Products, Stationery , ...
- includes a selection of colorants with high TSR (Total Solar Reflectance) to reduce heat absorption in plasters and façade systems
- the wide choice of colorants offers excellent coverage of the colour space to prepare the same colours in the factory and at point of sale



Services:

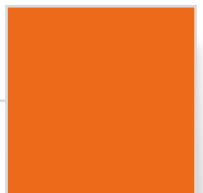
- optimization of the pigment selection
- verify and improve colorant and base paint compatibility
- characterization of your paint products and construction of the database of formulas
- optimization of the formulas: opacity, cost, light fastness and weather resistance
- adoption of our fan-decks:
 - IrisPalette 1050 - Selection for interiors
 - IrisPalette 180 - Selection for exteriors
- development of new fan-decks and colour cards
- adoption of our software IrisBlendSW

Masstone	Tint	Code	Name	Colour Index	Pigment %
ORGANIC PIGMENTS - INTERIORS / EXTERIORS					
		10G	YELLOW	P.Y.3	45
		HG (*)	EXTERIOR YELLOW	P.Y.154	35
		2GX-FR	YELLOW	P.Y.74	47
		G	YELLOW	P.Y.1	50
		RP	WARM YELLOW	P.Y.65	40
		HR	WARM YELLOW	P.Y.83	40
		WGM	MEDIUM YELLOW	P.Y.83	40
		AR	ORANGE	P.O.43	25
		R	ORANGE	P.O.5	50
		DH	ORANGE	P.O.73	30
		G	ORANGE	P.O.34	40
		GG (*)	SCARLET	P.R.168	40
		BS	RED	P.R.254	40
		BB	RED	P.R.112	50
		410-H	RED EXTRA	P.V.19	30
		FB	PINK	P.R.122	35
		BN	VIOLET	P.V.23	30
		FFG	BLUE	P.B.15:0	45
		G	BLUE	P.B.15:3	45
		G	GREEN	P.G.7	50
		N	BLACK	P.Bk.7	40

(*) = colorants based on pigments with excellent light fastness and weather resistance

IrisECOQ

IrisECOQ is our line formulated with raw materials and preservatives suitable for colouring paints for children, toys and similar, which must meet the requirements of the EN71 standard with particular reference to points 3,7,9,12. The IrisECOQ line is based on a selection of standard products and can be customized on Customer request. The Sales Team and the Regulatory Office are available for the necessary insights.



Masstone	Tint	Code	Name	Colour Index	Pigment %
INORGANIC PIGMENTS - INTERIORS / EXTERIORS					
		R	WHITE	P.W.6	70
		BV	BISMUTH YELLOW	P.Y.184	60
		BTR	YELLOW	P.Y.184	60
		910	YELLOW OXIDE	P.Y.42	60
		142N	YELLOW OXIDE	P.Y.42	53
		49	YELLOW ORANGE	P.Y.42	50
		20-H	ORANGE	MIX	50
		291	BROWN	P.R.101	45
		10	RED OXIDE	P.R.101	65
		30N	RED OXIDE	P.R.101	65
		3007	RED OXIDE	P.R.101	60
		61	BROWN	MIX	65
		6X	GREEN OXIDE	P.G.17	72
		13	BLUE ULTRAMARINE	P.B.29	60
		4T	BLACK OXIDE	P.Bk.11	55
		3N	BLACK OXIDE	P.Bk.33	70
INORGANIC PIGMENTS - REFLECTIVE SOLAR RAYS					
		G	YELLOW LIGHT	P.Y.53	60
		R	YELLOW LIGHT	P.Br.24	65
		5G	GREEN LIGHT	P.G.50	65
		G	BLUE LIGHT	P.B.36	55
		R	BLUE OXIDE	P.B.28	60
		IR	REFLECTIVE BLACK	P.Br.29	55
INORGANIC PIGMENTS - WOOD					
		191	YELLOW OXIDE TR.	P.Y.42	35
		281	RED OXIDE TR.	P.R.101	35

All colorants based on pigments with excellent light fastness and weather resistance
 All colorants with inorganic pigments to be used with silicates, siloxanes and silicone based paints even in high alkaline environments





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Disclaimer: The information we provide, while being based on our best knowledge, can only have indicative nature, therefore they do not imply any responsibility on our part. Since the performance of our products depends also on the additives and polymers used, we recommend customers to test their suitability for the end application. The color samples are printed and therefore the shades are purely indicative. The quality of our products is guaranteed under general conditions of sale.