



Iris  
Pigment  
Dispersions



VIBFAST<sup>®</sup> vibfast  
pigments  
pvt.ltd.

# IRIS AQUATINT

## AQUEOUS PASTE for Water based Architectural Paints

Water based inks and varnishes are intended for use in flexo/gravure printing on all grades of paper and cardboard.

**AQUATINT** are water based printing inks and varnishes containing in addition to water also ethanol and isopropyl alcohol in minor quantities. Due to alcohol content they are distinguished by good drying properties and high gloss. They can be diluted by water or ethanol. When the printing process is finished, but before the inks in the machine dries, ink units and rollers are to be washed with water. If the ink dries it can be removed by alcohol or Aquanol cleaner.

**AQUA CONCENTRATES** are water based concentrated pigmented preparations intended :

- For mixing Aquanol special and Aquaflex inks in mixing units (Aqua concentrate + suitable binder/varnish).
- As additive to ready to use Aquanol special and Aquaflex inks to increase their colour strength.

### ADDITIVES :

- Antifoaming agent PP - prevents foaming (only for Aquanol special inks and varnishes).
- Antifoaming agent 86 - prevents foaming (only for Aquaflex inks and varnishes).
- Additive W – improves slippery property and abrasion resistance.
- Aquanol cleaner – dried ink cleaner.



Vibfast pigments pvt. ltd.

# IRIS AQUATINT DISPERSIONS

SHADE		VIBFAST CODE	C.I. NO.
		IRIS AQUACYAN BLUE - 301160 - A	PB 15:3
		IRIS AQUADEEP BLUE - 507160 - A	PB 15:0
		IRIS AQUADEEP BLUE - 517060 - A	PB 15:1
		IRIS AQUAROYAL BLUE - 526975 - A	PB 15:2
		IRIS AQUA GREEN - 704001 - A	PG 7
		IRIS AQUADARK RED - 574031 - A	PR 57:1
		IRIS AQUAPOST OFFICE RED - 304026 - A	PR 3
		IRIS AQUA BOURDEAUX - 124036 - A	PR 12
		IRIS AQUA YELLOW - 744008 - A	PY 74
		IRIS AQUADEEP YELLOW - 834009 - A	PY 83
		IRIS AQUA GOLDEN YELLOW - 654012 - A	PY 65
		IRIS AQUA BLACK - 709001 - A	PBL 7
		IRIS AQUA ORANGE - 134051 - A	PO 13
		IRIS AQUALIGHT ORANGE - 504050 - A	PO 5
		IRIS PURPLE - 234062 - A	PV 23
		IRIS RED VIOLET - 194061 - A	PV 19



# IRIS TINTOSOL

## VIBFAST Universal Colorants for Industrial Coatings

IRIS-TINTOSOL is a range of solvent-based Universal Industrial Colorants suitable for in-plant as well as point-of-sale tinting of solvent-based industrial coatings.

IRIS-TINTOSOL colorants are compatible with the following types of industrial coatings:

- **Acrylics**
- **Nitrocellulose Lacquers**
- **Polyurethanes**
- **Melamine Formaldehydes**
- **Epoxies**
- **Chlorinated Rubbers**

IRIS-TINTOSOL can be used in the application areas such as :

- **General Industrial Coatings**
- **Automotive Refinish Systems**
- **Aerosol Paints**
- **Protective and Maintenance Coatings**
- **Floor Coatings**
- **Gelcoats**
- **Topcoats**

### Key Benefits :

- **IRIS-TINTOSOL colorants offer the following key benefits to the user**
- **Colorant consistency**
- **Easier and quicker catering of small orders**
- **Better customer service with less working capital**
- **Reduction in stock keeping units**
- **Lesser production cycle**

### Quality :

IRIS-TINTOSOL colorants are manufactured in a fully automated plant. Latest generation dispersion equipments are used under process-controlled conditions. This ensures excellent color accuracy and color reproducibility. IRIS-TINTOSOL colorants are delivered within tinting strength specification of 100 +/- 5% and delta E < 0.8. Other quality parameters of IRIS-TINTOSOL colorants include excellent rheology, wide compatibility with a variety of bases, superior light and weather fastness.



Vibfast pigments pvt. ltd.

# IRIS TINTOSOL DISPERSIONS

SHADE		VIBFAST CODE	C.I. NO.
		IRIS CYAN BLUE - 301160	PB 15:3
		IRIS DEEP BLUE - 507160	PB 15:0
		IRIS DEEP BLUE - 517060	PB 15:1
		IRIS ROYAL BLUE - 526975	PB 15:2
		IRIS GREEN - 704001	PG 7
		IRIS DARK RED - 574031	PR 57:1
		IRIS POST OFFICE RED - 304026	PR 3
		IRIS BOURDEAUX - 124036	PR 12
		IRIS YELLOW - 744008	PY 74
		IRIS DEEP YELLOW - 834009	PY 83
		IRIS GOLDEN YELLOW - 654012	PY 65
		IRIS BLACK - 709001	PBL 7
		IRIS ORANGE - 134051	PO 13
		IRIS LIGHT ORANGE - 504050	PO 5
		IRIS PURPLE - 234062	PV 23
		IRIS RED VIOLET - 194061	PV 19



# IRIS UNITINT (Universal Stainers)

**IRIS UNITINT** are manufactured to rigid specifications such as colour shade, colour strength and rheology. This guarantees both excellent colour accuracy and colour reproducibility.

**IRIS UNITINT** are carefully formulated to provide trouble free use. The pigments are fully dispersed to achieve maximum Tinting strength & full chroma. Due to the unique dispersion technique used by Radiant Chemicals optimum colour developments is obtained from each pigment employed. This results in maximum Tintorial strength, maximum transparency. This ensures complete deagglomeration resulting in no shade change & strength change.

**IRIS UNITINT** are glycol based binder free pigment concentrate having both Non-Ionic & Anionic wetting agent & Dispersing agent in optimum dosage.

## Compatibility :

Each dispersion is designed for maximum compatibility with coatings based on a wide variety of vehicle systems. Together they offer virtually unlimited color matching compatibility in most VOC & conventional water based & solvent based coatings.

**IRIS UNITINT** are compatible with Paint system based on

- PVA Emulsion
- Acrylic Emulsion / Styrene Acrylic Emulsion
- Modified Alkyd Emulsion
- Water based Semi Gloss & Gloss Finishes
- Alkyd Enamel

## Stability :


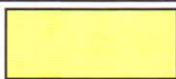
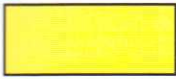











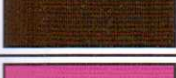








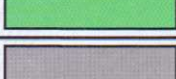
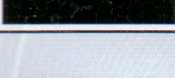
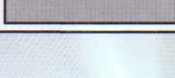
All Pigment dispersions are stabilized by additional surfactant have negative effect on the paint film properties. Excellent Long Term Viscosity & very stable over a wide Temperature range.



**VIBFAST**

**vibfast pigments pvt. ltd.**

# IRIS UNITINT (Universal Stainers)

SHADE		VIBFAST CODE	C.I. NO.
		IRIS UNISTAIN YELLOW 4002	PY 1
		IRIS UNISTAIN YELLOW OXIDE	PY 42
		IRIS UNISTAIN ORANGE 4052	PO 34
		IRIS UNISTAIN FIRE RED 4032	PR 112
		IRIS UNISTAIN VIOLET 4061	PV 19
		IRIS UNISTAIN TURKEY AMBER	TURKEY AMBER
		IRIS UNISTAIN BURNT SIENNA	BURNT SIENNA
		IRIS UNISTAIN RED OXIDE	R 101
		IRIS UNISTAIN VIOLET 4062	PV 23
		IRIS UNISTAIN BETA BLUE	PB 15:3
		IRIS UNISTAIN YELLOW GREEN	YELLOW GREEN
		IRIS UNISTAIN GREEN 4001:1	PG 7
		IRIS UNISTAIN BLACK 9001	PBL 7



# IRIS MACOL (Machine Colorants)

**IRIS MACOL** are manufactured for the Volumetric Machine tinting of Water and Solvent based Architectural Coatings.

**Machine Colorants** are glycol based, binder free, high concentrated pigment dispersions coating Non-Ionic and Anionic Wetting and Dispersing Agents in requisite proportions.

Colorants have been designed for **Volumetric Dispensing Machines** and volumetric in-plant tinting. They are formulated for **Exact Colour Reproducibility** and are most economical Solution, resulting in **lower distribution cost** and increase in Profits.

## Compatibility :

**IRIS MACOL** are compatible with Paint system based on :

- PVA Emulsion
- Modified Alkyd Emulsion
- Alkyd Enamel
- Acrylic Emulsion / Styrene Acrylic Emulsion
- Water based Semi Gloss & Gloss Finishes

## Stability :





**IRIS MACOL** exhibit long term Stability and anti setting Properties. They remain in suspension with minimum agitation and do not skin.



**vibfast pigments pvt. ltd.**



# IRIS MACOL DISPERSIONS

SHADE		MACTINT	Pigment C.I. Name	C.I. No.	Weathering (1-5)	Light Fastness		Specific Gravity
						Mass	Reduced	
		White	White 6	77891	5	6	6	1.89
		Fast Yellow	Yellow 74	11741	3	6	4	1.19
		H.T. Yellow	Yellow 109	56284	4	6	7	1.16
		Fast Orange	Orange 73	56284	4	7	6	1.2
		Fast Yellow Oxide	Yellow 42	77492	5	8	8	1.7
		Interior Red	Red 112	12370	2	6	4	1.35
		Fast Red Oxide	Red 101	77491	5	6	6	1.75
		H.T. Red Oxide	Red 101	77481	5	8	8	1.79
		Exterior Red	Red 166	20730	4	8	7	1.34
		Magenta	Red 122	73915	4	7	6	1.26
		Fast Red	Violet 19	74280	5	7	5	1.34
		H.T. Violet	Violet 23	51319	3	7	6	1.3
		Fast Blue	Blue 15:3	74160	5	6	8	1.25
		H.T. Blue	Blue 15:2	74160	5	8	8	1.12
		Fast Green	Green 7	74270	5	8	7	1.31
		Black	Black 7	77286	5	8	8	1.37



# IRIS STIRIN PIGMENTS

IRIS-STIRIN are unique pigments in dry powdered form that are self dispersing in aqueous systems. This unique product makes milling unnecessary, allowing the pigments to be added directly to the system, making production easier and more cost-effective.

IRIS-STIRIN pigments are ideal for the system where additional water input is critical.

## APPLICATIONS :

- PIGMENT DISPERSION
- CEMENT & CONCRETE
- ARCHITECTURAL COATINGS

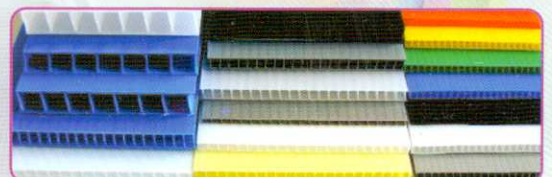


VIBFAST

Vibfast pigments pvt. ltd.

# IRIS STIRIN PIGMENTS

SHADE		VIBFAST CODE	C.I. NO.
		IRIS ALFA BLUE 7060	PB 15:1
		IRIS BETA BLUE 2160	PB 15:3
		IRIS GREEN 4001	PG 7
		IRIS VIOLET 4061	PV 19
		IRIS VIOLET 4062	PV 23
		IRIS PINK 4040	PR 122
		IRIS RED 4028	PR 48:1
		IRIS RED 4030	PR 53:1
		IRIS RED 4031	PR 57:1
		IRIS RED 4032	PR 112
		IRIS RED 4034	PR 170
		IRIS RED 4035	PR 210
		IRIS ORANGE 4050	PO 5
		IRIS ORANGE 4051	PO 13
		IRIS ORANGE 4052	PO 34
		IRIS YELLOW 4002	PY 1
		IRIS YELLOW 4003	PY 3
		IRIS YELLOW 4004	PY 12
		IRIS YELLOW 4012	PY 65
		IRIS YELLOW 4008	PY 74
		IRIS YELLOW 4009	PY 83
		IRIS BLACK 9001	PBL 7





(AN ISO 9001:2008 CERTIFIED COMPANY)

**MANUFACTURERS AND EXPORTERS OF PIGMENTS**

C-1, 91/6, Phase 1, B/h. Bank of India, G.I.D.C., Vatva, Ahmedabad - 382 445. (India)

Phone : +91 - 79 - 3292 0774, 2583 0667 Fax : +91 - 79 - 2589 3014

E-mail : amit@vibfast.com / int.mkt@vibfast.com / mshah@vibfast.com

Website : www.vibfast.com