

For  
**ARCHITECTURAL**  
applications



We render **LIFE**  
to your coatings

# AQUATINT 721

Water-based paints are widely preferred over other types of organic solvent-based paints. This is due to rising environmental concerns and health hazards posed by such paints and coatings. We, at Tinting Systems Company, have developed Aquatint 721 range of decorative water-based range of colorants for In Plant tinting. These are formulated in a way to provide for the vast and diverse need of the ever-growing infrastructural developments and rapid urbanization. It comprehensively combines all the parameters of being environmentally friendly, has high utility applications and displays excellent performance.

## Unrivalled Properties

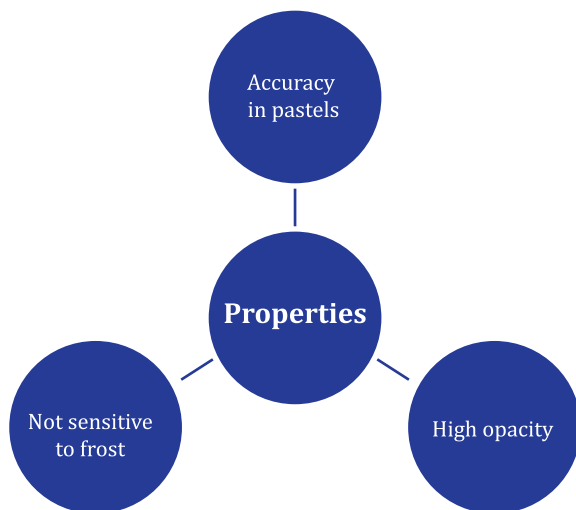
Aquatint 721 colorants are capable of comprehensively providing for all the minute demands made by our customers. It features high concentration. This significantly cuts the adverse effects like viscosity changes, fluctuations in drying time, reduction in scrub resistance and burnish resistance of paints. The high concentration confers other properties as well; it improves the opacity and light fastness of the paint. This ensures that you have the maximum concealing power and vibrancy with only one coat of paint, saving costs by eliminating the need for multiple coats.

High concentration also effectively saves on inventory costs; this is due to the reduced usage, hence making space for your other critical units or inventory.

The presence of Glycol in these colorants ensures resistance to freeze thawing in harsh weather conditions.

## Advantageous Applications

Aquatint 721 has several other applications that add to its merit, the most important one being its eco-friendly property. This range of colorants is formulated keeping in mind the ideals of sustainable development. These Pigment Preparations have a low VOC's (Volatile Organic Compounds), APE's (Alkyl Phenol Ethoxylates) and formaldehyde free solutions, it ensures protection to the environment from the detrimental effects of these chemicals.



## Applications

AQUATINT 721 Pigment pastes meets the performance needs of modern coatings, including Latex paints, Acrylic paints, Aqueous industrial paints, Architectural coatings, Coloring acrylic and polyester casting resins, Water resistant drawing inks, Adhesives and sealants, Art and Crafts, Concrete Protection and flooring, Metal Deco, water based general industrial, water based inks, Aqueous wood stains, PVA emulsions, Styrene-butadiene emulsions.

Aquatint 721 comes with its own exclusive pigment index that can be your reference point when it comes to compatibility and working with different concentrations and properties.


























We also have an extensive team of technical experts who guide you in case of doubts regarding the compatibilities, color service, product quality. Also, questions related to In-plant tinting systems Components, ranging from their installation to the ongoing service package later can be addressed. These pigments are also resin-free and binder-free, and they combine effortlessly with each other in any ratio and proportion to generate every color in the visible spectrum of light.

## Technical Support

- Compatibility tests
- Preparation of color formulations for customer fan deck and customer specific products
- Testing and adjusting base materials
- Accelerated weathering tests using customer base materials

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## TECHNICAL DATA SHEET

Shade	Code	Description	Colour Index	Pigment* %	Light** Fastness			Weather** Fastness			Specific Gravity gm/c <sup>3</sup>	Composition By Weight %			Resistance	
					F	M	R	F	M	R		Pigment Solid	Vehicle	Volatile	Alkali	Acid
	BF-721	Dark Blue	PB15:3	53	8	8	8	5	5	5	1.24	52.77	15.53	31.70	5	5
	BO-721	Black Oxide	PBk 11	55	8	8	8	5	5	5	1.86	59.00	12.00	29.00	5	5
	BU-721	Blue	PB15.1	51	8	8	8	5	5	5	1.22	50.00	16.00	34.00	5	5
	BV-721	B. V. Yellow	PY184	66	7-8	7-8	7-8	4-5	4-5	4-5	1.84	65.00	10.00	25.00	5	4-5
	BX-721	Bordeaux	PV 19	35	7	7	7	4-5	4	3-4	1.16	35.00	26.50	38.50	5	5
	CB-721	Cobalt Blue	PB 28	63	8	8	8	5	5	5	2.06	53.00	18.20	28.80	5	5
	DG-721	H.P. Red	PR 254	40	8	8	8	5	5	5	1.26	50.00	6.00	44.00	5	5
	GO-721	Chrome O. Green	PG 17	67	8	8	8	5	5	5	2.27	67.00	7.00	26.00	5	5
	HG-721	H.P. Yellow	PY 154	40	8	8	8	5	5	5	1.20	41.00	5.00	54.00	5	5
	HL-721	Exterior Orange	PO 36	40	8	8	8	5	5	5	1.25	48.00	6.00	46.00	5	5
	JR-721	Yellow	PY 74	50	7-8	7-8	6-7	4-5	3-4	3	1.18	51.00	6.00	43.00	5	5
	JV-721	Lemon Yellow	PY 138	43	7	7-8	7-8	4-5	4-5	4	1.41	54.00	8.00	38.00	5	5
	MG-721	Magenta	PR122	30	7	8	7-8	4	4	4	1.14	32.00	9.00	59.00	5	5
	NR-721	Black	PBk 7	45	8	8	8	5	5	5	1.27	44.00	7.20	48.80	5	5
	OB-721	Brown Oxide	PR101/PY42/PBk 7	35	8	8	8	5	5	5	1.7	50.80	13.40	35.80	5	5
	OG-721	Orange Red	PR 168	36	8	8	8	5	5	5	1.38	38.66	13.34	48.00	5	5
	OJ-721	Yellow Oxide	PY 42	65	8	8	8	5	5	5	1.85	66.00	10.40	23.6	5	5
	OL-721	Orange Yellow	PY 83	50	7-8	7-8	6-7	4	4	3	1.18	50.00	7.00	43.00	5	5
	ON-721	Orange	PO 5	42	6	5-6	5	3	2	2	1.24	47.00	12.00	41.00	5	5
	OR-721	Red Oxide	PR 101	70	8	8	8	5	5	5	2.35	70.20	7.00	22.80	5	5
	RR-721	Red	PR112	51	7-8	6-7	6	4-5	3	3	1.18	50.64	10.36	39.00	5	5
	VE-721	Violet	PV 23	30	8	7-8	7-8	4-5	4	4	1.23	35.00	7.30	57.70	5	5
	VF-721	Dark Green	PG 7	50	8	8	8	5	5	5	1.41	53.00	7.00	40.00	5	5
	Y1-721	Yellow	PY 1	50	7	6	5	3-4	2	1-2	1.25	50.00	6.00	44.00	5	5
	Y3-721	Yellow	PY 3	50	7-8	7-8	6-7	4-5	4	3	1.32	55.00	5.00	40.00	5	5

Guidance figures only and may differ since the colorants are adjusted on their colorimetric properties.  
 Information given by pigment supplier - For guidelines only -  
 Customers are encouraged to conduct their own tests.  
 This information is proposed without warranty, representation, inducement or license of any kind including.  
 It is made following the best TSC knowledge or obtained from sources believed to be accurate, and does not assume any legal responsibility.  
 For more information please see Safety Data Sheet.



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