High strength water based pigment dispersions

AQUIS™ & AQUIS™ PLUS

heubach

COMPETENCE IN COLOR

AQUIS™ and AQUIS™ PLUS

are water based, single pigment dispersions designed for broad compatibility in a wide range of applications.

They are suitable for in-plant coatings as well as other water based applications including but not limited to latex, paper, caulks and adhesives. The broad product range available for both **AQUIS™** and **AQUIS™ PLUS** allows for complete coverage of the color spectrum.

The density, viscosity, ph, fineness of grind, color shade, strength and the rheological properties of these products are very tightly controlled in order to guarantee a high degree of color accuracy and reproducibility.

Our Service

At Heubach, customer satisfaction comes first. As a supplier of high-quality pigment and pigment preparation solutions we support our customers anywhere where pigments are in use.

With technical service centers both globally and regionally we provide our customers with the support essential for the implementation of customer-specific requirements and solutions.

Fully equipped technical laboratories and centers enable us to carry out tests for all relevant applications, such as printing inks, paints and coatings, including corrosion protection, coil and powder coatings and plastics.
Custom-tailored color adjustments play a significant role in a wide variety of applications.

We have extensive expertise in the development of colors for a variety of water based products, paint and coating systems. Depending on fastness properties, application or processing requirements, we can deliver the right color for your application.

AQUIS™

AQUIS™ are highly pigmented dispersions that are compatible in a wide range of applications. AQUIS™ dispersions are tightly controlled to a +/- 5 % tint strength gravimetrically and a maximum DE of 1.0 vs. standard.

Product	Color Index	Mass Tone	Tint Tone	Density Lbs./Gal.	% by Weight		% by Volume	
					Pigment	Solids	Pigment	Solids
WW3000 Titanium Dioxide	P.W. 6			15.0	62.0	68.0	29.8	37.1
YW911P Arylide Yellow MS	P.Y. 74			9.6	45.0	49.0	36.9	42.7
YW811P Arylide Yellow MS	P.Y. 74			9.2	31.0	39.0	24.2	33.0
YW3310 Diarylide Yellow HR	P.Y. 83			9.2	35.0	40.0	28.2	33.2
YW3301 Yellow Iron Oxide	P.Y. 42			14.6	57.0	65.0	24.7	38.7
OW3270 DNA Orange	P.O. 5			9.8	45.0	51.0	35.7	42.5
OW3212 Pyrazolone Orange	P.O. 13			9.1	43.0	47.0	33.0	37.0
RW3100 Iron Oxide Red	P.R. 101			16.5	61.0	68.0	21.9	36.2
RW3125 Toluidine Red - Light	P.R. 3			9.5	40.0	46.0	31.7	37.1
RW3147 Naphthol Red BS	P.R. 170			9.4	44.0	50.0	35.9	42.6
RW3170 Calcium Red 2B	P.R. 48:2			9.4	31.0	35.0	21.8	26.6

Product	Color Index	Mass Tone	Tint Tone	Density Lbs./Gal.	% by Weight		% by Volume	
					Pigment	Solids	Pigment	Solids
RW3115 Quinacridone Magenta	P.R. 122			9.2	38.0	44.0	34.1	42.7
RW3116 Quinacridone Magenta	P.R. 122			9.2	33.0	37.0	25.4	29.2
VW3620 Carbazole Violet	P.V. 23			9.4	35.0	44.0	30.8	42.0
BW3521 Phthalocyanine Blue RS	P.B. 15			10.3	48.0	57.0	37.8	46.1
BW3571 Phthalocyanine Blue GS	P.B. 15:3			10.2	45.0	51.0	32.8	40.0
GW3450 Phthalocyanine Green	P.G. 7			11.4	50.0	57.0	32.8	41.4
GW3454 Phthalocyanine Green	P.G. 7			11.2	49.0	56.0	32.1	40.6
GW3459 Phthalocyanine Green	P.G. 7			11.4	49.0	58.0	32.1	42.1
KW3720 Carbon Black	P.Bk. 7			10.4	43.0	47.0	29.4	34.3
KW3729 Conductive Carbon Black	P.Bk. 7			9.4	25.0	34.0	18.0	28.7
KW3750 Carbon Black	P.Bk. 7			10.7	50.0	55.5	34.2	40.5

Due to the limitation of the printing process, some slight variations between the color as illustrated above versus the colorant may be observed.

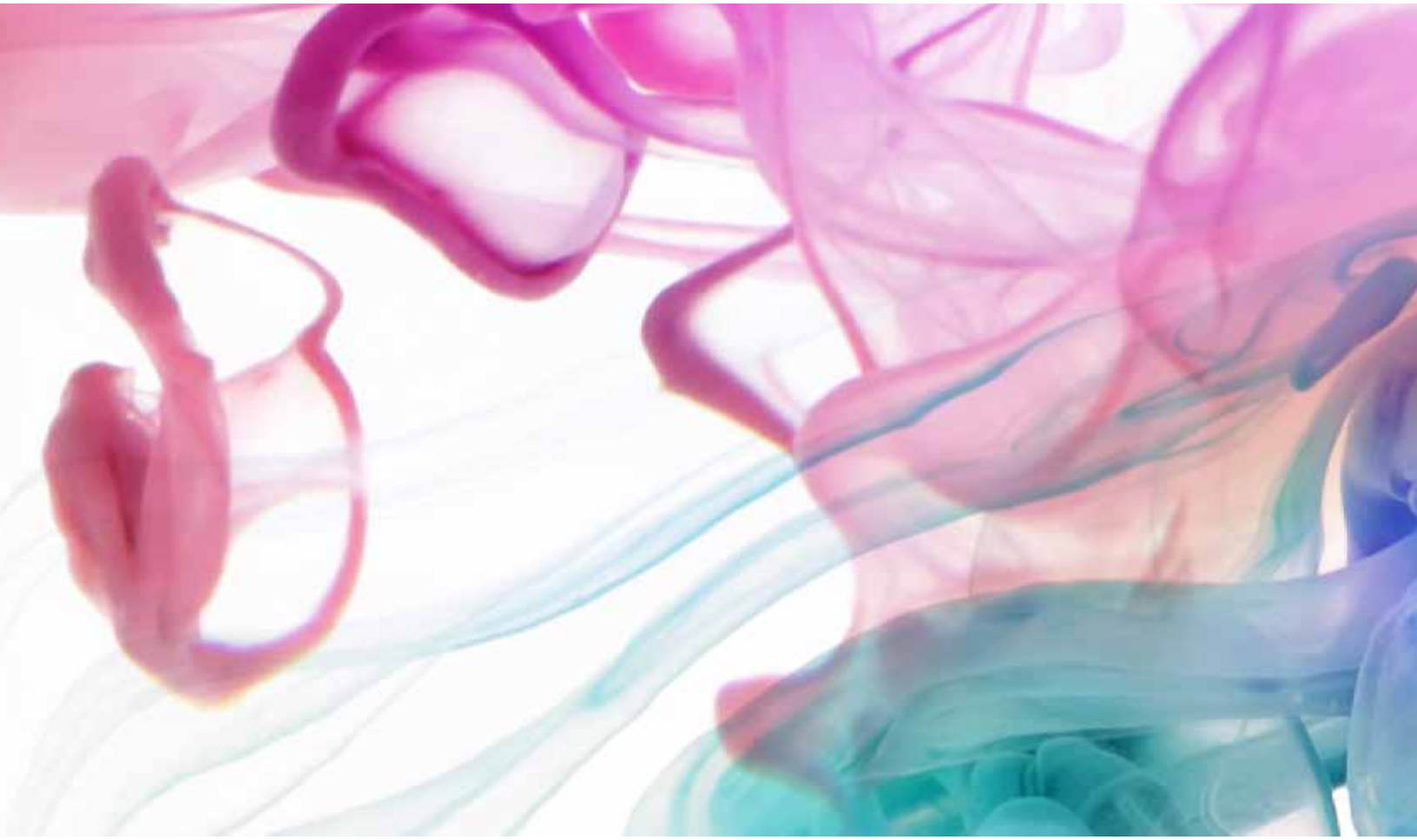
AQUIS™ PLUS

AQUIS™ PLUS are highly pigmented dispersions that are environmentally friendly and are free of VOC's (EPA Method 24), Alkyl Phenol Ehtoxylates and Formaldehyde.

AQUIS™ PLUS dispersions are tightly controlled to a +/- 5 % tint strength gravimetrically and a maximum DE of 1.0 vs. standard.

Product	Color Index	Mass Tone	Tint Tone	Density Lbs./Gal.	% by Weight		% by Volume		VOC[1]
					Pigment	Solids	Pigment	Solids	
WWP6001 Titanium Dioxide	P.W. 6			18.2	70.0	76.6	38.4	48.1	0
YWP7400 Arylide Yellow	P.Y. 74			9.4	40.0	49.0	32.3	42.7	0
YWP1401 Diarylide Yellow	P.Y. 14			9.6	39.0	49.0	33.0	43.0	0
YWP4200 Yellow Iron Oxide	P.Y. 42			15.3	60.0	66.0	27.3	37.4	0
OWP1601 Disazo Orange	P.O. 16			9.1	40.0	47.0	31.0	43.0	0
RWP1700 Naphthol Red BS	P.R. 170			9.5	44.0	50.0	36.0	42.8	0
RWP2540 Diketo-Pyrrolo-Pyrrole	P.R. 254			9.9	40.0	48.0	28.3	37.9	0
RWP2202 Napthol Red	P.R. 22			9.1	37.0	45.0	30	38.1	0
RWP1010 Red Iron Oxide	P.R. 101			16.2	60.0	68.0	23.3	37.2	0
RWP5701 Lithol Rubine	P.R. 57:1			9.4	35.0	45.0	25.0	34.0	0
RWP1220 Quinacridone Magenta	P.R. 122			9.2	31.0	39.0	24.0	32.4	0
VWP2300 Carbazole Violet	P.V. 23			9.4	32.0	44.0	23.7	37.1	0
BWP1530 Phthalocyanine Blue GS	P.B. 15:3			10.1	45.0	55.0	34.1	44.9	0
BWP1500 Phthalocyanine Blue RS	P.B. 15			9.5	34.0	38.0	25.0	29.4	0
BWP0600 Indanthrone	P.B. 60			9.5	32.0	37.0	23.1	28.1	0
GWP0700 Phthalocyanine Green	P.G. 7			11.4	49.0	58.0	32.1	42.1	0
XWP0700 Raw Umber	P.Br. 7			12.1	43.0	50.0	18.3	27.4	0
KWP7000 Carbon Black	P.Bk. 7			10.7	50.0	55.5	34.2	40.5	0
KWP7001 Carbon Black	P.Bk. 7			10.4	43.0	47.0	29.4	34.3	0

 Due to the limitation of the printing process, some slight variations between the color as illustrated above versus the colorant may be observed. [1] As measured by EPA test Method 24



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sales@heubachcolor.de
www.heubachcolor.com

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