

Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2018

				Pigment		Supplier					
				Kronos 2190 Kronos International	Ti-Pure R-900 Chemours	Tioxide TR 81 Venator	Bayferrox 3920 Lanxess	Hansa Brilliant Yellow 2GX 70 Heubach	Bayferrox 130 M Lanxess	Hostaperm Pink E Heubach	
Position	Component	Supplier	Function	PW 6	PW 6	PW 6	PY 42	PY 74	PR 101	PR 122	
1	Water		Solvent	19.60	21.00	21.70	36.50	53.60	27.70	60.70	
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
3	BYK-021	BYK	Defoamer	0.50	0.50	0.50	0.50	0.50	0.50	0.50	
4	DISPERBYK-2018	BYK	Wetting and dispersing	4.30	2.90	2.20	7.40	5.80	6.20	8.70	
5	OPTIGEL-WX	BYK	Anti-settling	0.50	0.50	0.50	0.50	-	0.50	-	
6	Pigment	See headline	Color	75.00	75.00	75.00	55.00	40.00	65.00	30.00	
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	

Instructions

Premix position 1–5, add pigment and disperse well (dissolver or beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2018	3.00%	2.00%	1.50%	7.00%	7.50%	5.00%	15.00%
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Position	Component	Supplier	Function	Pigment			
				Supplier	Heliogen Blue L 7085 BASF	Heliogen Blue L 7101 F BASF	Heliogen Green L 8730 BASF
				PB 15:3	PB 15:4	PG 7	PBk 7
1	Water		Solvent	57.90	54.30	54.30	71.70
2	Preservative		Preservative	0.10	0.10	0.10	0.10
3	BYK-021	BYK	Defoamer	0.50	0.50	0.50	0.50
4	DISPERBYK-2018	BYK	Wetting and dispersing	11.50	10.10	10.10	7.70
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-	-
6	Pigment	See headline	Color	30.00	35.00	35.00	20.00
Total				100.00	100.00	100.00	100.00

Instructions

Premix position 1–5, add pigment and disperse well (dissolver or beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2018

20.00 %

15.00 %

15.00 %

20.00 %

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This issue replaces all previous versions.

