

Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-2015

				Pigment		Supplier					
				Tiona 595 Tronox	Bayferrox 3920 Lanxess	Hansa Brilliant Yellow 5GX Heubach	Novoperm Orange HL 70 Heubach	Bayferrox 130 M Lanxess	Permanent Red FGR 70 Heubach	Irgazin Red L 3670 HD BASF	Hostaperm Pink E Heubach
Position	Component	Supplier	Function	PW 6	PY 42	PY 74	PO 36	PR 101	PR 112	PR 254	PR 122
1	Water		Solvent	16.70	30.10	24.80	15.00	16.00	29.00	29.00	28.00
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
3	BYK-021	BYK	Defoamer	0.30	0.30	0.40	0.40	0.30	0.40	0.40	0.50
4	DISPERBYK-2015	BYK	Wetting and dispersing	3.80	13.80	15.00	22.00	7.50	15.00	15.00	22.00
5	OPTIGEL-WX	BYK	Anti-settling	0.50	0.50	-	-	0.50	-	-	-
6	Blanc Fixe micro	Venator	Filler	-	-	15.00	18.00	10.00	15.00	15.00	10.00
7	Pigment	See headline	Color	75.00	55.00	40.00	35.00	60.00	35.00	35.00	35.00
8	BYK-021	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
9	Water		Solvent	3.40	-	4.50	9.30	5.40	5.30	5.30	4.20
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–5, add pigment/filler and disperse well (dissolver or beads are recommended), add position 8–9 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2015	2.00%	10.00%	15.00%	25.10%	5.00%	17.10%	17.10%	25.10%
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Also available as a biocide-free variant (see brochure B-AN 2).



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Position	Component	Supplier	Function	Pigment	Hostaperm	Hostaperm	Heliogen	Heliogen	Monarch
				Supplier	Violet RL spec. Heubach	Blue A4R Heubach	Blue L 7085 BASF	Green L 8730 BASF	120 Cabot Corporation
				PV 23	PB 15:1	PB 15:3	PG 7	PBk 7	
1	Water		Solvent	26.40	21.90	28.80	19.90	28.40	
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	
3	BYK-021	BYK	Defoamer	0.30	0.40	0.40	0.30	0.30	
4	DISPERBYK-2015	BYK	Wetting and dispersing	14.00	26.00	15.00	15.00	12.50	
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-	-	-	
6	Blanc Fixe micro	Venator	Filler	15.00	10.00	20.00	20.00	25.00	
7	Pigment	See headline	Color	35.00	35.00	30.00	35.00	25.00	
8	BYK-021	BYK	Defoamer	0.20	0.20	0.20	0.20	0.20	
9	Water		Solvent	9.00	6.40	5.50	9.50	8.50	
Total				100.00	100.00	100.00	100.00	100.00	

Instructions

Premix position 1–5, add pigment/filler and disperse well (dissolver or beads are recommended), add position 8–9 while stirring.

Characteristic data

Additive dosage (solids on pigment)

	PV 23	PB 15:1	PB 15:3	PG 7	PBk 7
DISPERBYK-2015	16.00 %	29.70 %	20.00 %	17.10 %	20.00 %

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This issue replaces all previous versions.

