

Starting point formulation – Pigment concentrates for solvent-based systems with DISPERBYK-108

Position	Component	Supplier	Function	Pigment Supplier							
				Kronos 2160 Kronos International	Bayferrox 3910 Lanxess	Hansa Brilliant Yellow 2GX 70 Heubach	Bayferrox 130 M Lanxess	Permanent Red FGR Heubach	Heliogen Blue L 7101 F BASF	Heliogen Green L 8730 BASF	Special Black 100 Orion Engineered Carbons
				PW 6	PY 42	PY 74	PR 101	PR 112	PB 15:4	PG 7	PBk 7
1	Longoil alkyd (72% solids)		Binder	25.00	35.00	40.00	30.00	30.00	45.00	45.00	45.00
2	Exxsol D40	ExxonMobil	Solvent	13.30	12.10	23.10	6.00	37.70	24.80	27.70	24.30
3	DISPERBYK-108	BYK	Wetting and dispersing	0.90	2.00	1.40	3.00	1.80	1.70	1.80	2.20
4	GARAMITE-1958	BYK	Anti-settling	0.30	0.40	-	0.50	-	-	-	-
5	Pigment	See headline	Color	60.00	50.00	35.00	60.00	30.00	28.00	25.00	28.00
6	Borchinox M2	Borchers	Anti-skinning	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Total				100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–4, add pigment and disperse well (beads are recommended), add position 6 while stirring.

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-108	1.50 %	4.00 %	4.00 %	5.00 %	6.00 %	6.10 %	7.20 %	7.90 %
Pigment : binder ratio (solid : solid binder)	3.30 : 1	2.00 : 1	1.20 : 1	2.80 : 1	1.40 : 1	0.90 : 1	0.80 : 1	0.90 : 1

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This issue replaces all previous versions.

