

Starting Formulation

Pigment concentrates based on Alkyd for solvent-borne systems using DISPERBYK-108

Pos.	Component	Supplier	Function	Kronos	Bayferrox	Hostaperm	Bayferrox	Permanent	Heliogen
				2160	3910	yellow	130M	red	blue
				PW 6	PY 42	2GX70	PR 101	FGR	L7101F
1	Longoil Alkyd (72% solids)		Binder	25,0	35,0	40,0	30,0	30,0	45,0
2	Exxsol D40	Exxon Mobil	Solvent	13,3	12,1	23,1	6,0	37,7	24,8
3	DISPERBYK-108	BYK	Wetting&Dispersing	0,9	2,0	1,4	3,0	1,8	1,7
4	GARAMITE-1958	BYK	Anti-settling	0,3	0,4		0,5		
5	Pigment & Color Index	see headline	Color	60,0	50,0	35,0	60,0	30,0	28,0
6	Borchinox M2	Borchers	Anti Skinning Agent	0,5	0,5	0,5	0,5	0,5	0,5
				100,0	100,0	100,0	100,0	100,0	100,0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended), add position 6 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-108

1,5

4,0

4,0

5,0

6,0

6,1

Pigment : binder ratio (solid : solid binder)

3,3 : 1

2,0 : 1

1,2 : 1

2,8 : 1

1,4 : 1

0,9 : 1

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Pigment concentrates based on Alkyd for solvent-borne systems using DISPE

Pos.	Component	Supplier	Function	Heliogen green L8730	Special black 100
				PG 7	PBk 7
1	Longoil Alkyd (72% solids)		Binder	45,0	45,0
2	Exxsol D40	Exxon Mobil	Solvent	27,7	24,3
3	DISPERBYK-108	BYK	Wetting&Dispersing	1,8	2,2
4	GARAMITE-1958	BYK	Anti-settling		
5	Pigment & Color Index	see headline	Color	25,0	28,0
6	Borchinox M2	Borchers	Anti Skinning Agent	0,5	0,5
				100,0	100,0

Instructions

Premix position 1-4, add pigment and disperse well
 (beads are recommended), add position 6 under stirrig

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-108	7,2	7,9
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Pigment : binder ratio (solid : solid binder)	0,8 : 1	0,9 : 1
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