

Starting Formulation

Water-borne pigment concentrates for universal application
 using DISPERBYK-2060

Pos.	Component	Supplier	Function	Kronos	Bayferrox	Bayferrox	DCC	Sicopal
				2190	3910	3920	yellow	orange
				PW 6	PY 42	PY 42	PY 184	PO 82
1	Water		Solvent	17.0	15.0	14.8	17.0	15.0
2	BYKETOL-PC	BYK	Humactant	5.0	5.0	5.0	5.0	5.0
3	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
4	BYK-1640	BYK	Defoamer	0.3	0.3	0.3	0.3	0.3
5	DISPERBYK-2060	BYK	Wetting & Dispersing	1.4	4.1	4.1	5.6	5.8
6	DISPERBYK-2061	BYK	Wetting & Dispersing	-	-	-	-	-
7	OPTIGEL-WX	BYK	Anti-settling	0.5	0.5	0.5	0.7	0.5
8	Pigment & Color Index	see headline	Color	65.0	55.0	55.0	50.0	55.0
9	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
10	Water		Solvent	10.5	19.8	20.0	21.1	18.1
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-7, add pigment and disperse well (dissolver or beads are recommended), add position 9-10 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2060	2.0	7.1	7.1	10.6	10.0
DISPERBYK-2061	-	-	-	-	-

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Pos.	Component	Supplier	Function	Bayferrox 120M	Bayferrox 130M	Copperas Iron Oxide red R1599D	Cobalt Blue PK 5091 PS22-5091	Ultramarin blue Nubicoat HWR
				PR 101	PR 101	PR 101	PB 28	PB 29
1	Water		Solvent	17.0	16.0	13.7	15.0	20.0
2	BYKETOL-PC	BYK	Humactant	5.0	5.0	5.0	5.0	5.0
3	Preservative		Preservative	0.1	0.1	0.1	0.1	0.1
4	BYK-1640	BYK	Defoamer	0.3	0.3	0.3	0.3	0.3
5	DISPERBYK-2060	BYK	Wetting & Dispersing	4.4	4.8	3.4	3.2	2.9
6	DISPERBYK-2061	BYK	Wetting & Dispersing	-	-	-	1.5	2.8
7	OPTIGEL-WX	BYK	Anti-settling	0.5	0.5	0.5	0.5	0.5
8	Pigment & Color Index	see headline	Color	60.0	65.0	65.0	60.0	55.0
9	BYK-1640	BYK	Defoamer	0.2	0.2	0.2	0.2	0.2
10	Water		Solvent	12.5	8.1	11.8	14.2	13.2
				100.0	100.0	100.0	100.0	100.0

Instructions

Premix position 1-7, add pigment and disperse well (dissolver or beads are recommended), add position 9-10 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2060	7.0	7.0	5.0	5.1	5.0
DISPERBYK-2061	-	-	-	2.5	5.1

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Pos.	Component	Supplier	Function	Colortherm green GN-M	Sicotan yellow L 2010	Bayferrox black 303T
				PG 17	PBr 24	PBk 33
1	Water		Solvent	8.0	15.0	13.0
2	BYKETOL-PC	BYK	Humactant	5.0	5.0	5.0
3	Preservative		Preservative	0.1	0.1	0.1
4	BYK-1640	BYK	Defoamer	0.3	0.3	0.3
5	DISPERBYK-2060	BYK	Wetting & Dispersing	3.2	6.8	3.2
6	DISPERBYK-2061	BYK	Wetting & Dispersing	-	-	-
7	OPTIGEL-WX	BYK	Anti-settling	0.4	0.5	0.5
8	Pigment & Color Index	see headline	Color	60.0	65.0	60.0
9	BYK-1640	BYK	Defoamer	0.2	0.2	0.2
10	Water		Solvent	22.8	7.1	17.7
				100.0	100.0	100.0

Instructions

Premix position 1-7, add pigment and disperse well (dissolver or beads are recommended), add position 9-10 under stirring

Characteristic Data

% Additive Dosage (solids on pigment)

DISPERBYK-2060	5.1	9.9	5.1
DISPERBYK-2061	-	-	-

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