

Starting point formulation – Pigment concentrates for solvent-borne floor coatings with DISPERBYK-2152 TF

				Pigment					
				Kronos 2190	Bayferrox 3920	Hostaperm Yellow H4G	Novoperm Orange HL 70	Bayferrox 120 M	Novoperm Red F3RK 70
				Supplier					
				Kronos International	Lanxess	Sudarshan	Sudarshan	Lanxess	Sudarshan
Position	Component	Supplier	Function	PW 6	PY 42	PY 154	PO 36	PR 101	PR 170
1	Epikote 1001 (75 % in xylene)	Hexion	Resin	17.80	18.30	16.00	16.00	17.80	20.00
2	MPA		Solvent	19.90	21.80	45.60	47.40	16.60	41.75
3	PM		Solvent	-	-	-	-	-	-
4	DISPERBYK-2152 TF	BYK	Wetting and dispersing	1.50	4.10	8.10	6.00	4.80	7.50
5	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	-	-	-	-
6	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	0.60	-	0.75
7	RHEOBYK-7410 ET	BYK	Anti-settling	0.80	0.80	0.30	-	0.80	-
8	Pigment	See headline	Color	60.00	55.00	30.00	30.00	60.00	30.00
Total				100.00	100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–6, add position 7 while stirring, add pigment and disperse well (dissolver and beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2152 TF	2.50 %	7.50 %	27.00 %	20.00 %	8.00 %	25.00 %
BYK-SYNERGIST 2100	-	-	-	-	-	-
BYK-SYNERGIST 2105	-	-	-	2.00 %	-	2.50 %

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Position	Component	Supplier	Function	Pigment				
				PR 122	PV 23	PB 15:4	PG 7	PB 9
				Hostaperm Pink E Sudarshan	Hostaperm Violet RL-NF Sudarshan	Heliogen Blue L 7101 F Sun Chemical	Heliogen Green L 8735 Sun Chemical	Special Black 4 Orion Engineered Carbons
1	Epikote 1001 (75 % in xylene)	Hexion	Resin	17.80	18.30	16.00	16.00	17.80
2	MPA		Solvent	19.90	21.80	45.60	47.40	16.60
3	PM		Solvent	-	-	-	-	-
4	DISPERBYK-2152 TF	BYK	Wetting and dispersing	1.50	4.10	8.10	6.00	4.80
5	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	-	-	-
6	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	0.60	-
7	RHEOBYK-7410 ET	BYK	Anti-settling	0.80	0.80	0.30	-	0.80
8	Pigment	See headline	Color	60.00	55.00	30.00	30.00	60.00
Total				100.00	100.00	100.00	100.00	100.00

Instructions

Premix position 1–6, add position 7 while stirring, add pigment and disperse well (dissolver and beads are recommended).

Characteristic data

Additive dosage (solids on pigment)

	PR 122	PV 23	PB 15:4	PG 7	PB 9
DISPERBYK-2152 TF	28.00 %	38.00 %	35.00 %	35.00 %	35.00 %
BYK-SYNERGIST 2100	-	-	-	5.00 %	-
BYK-SYNERGIST 2105	-	-	-	-	-



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