Starting point formulation – Pigment concentratres 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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				Pigment	Hostaperm Pink E	Hostaperm Violet RL-NF	Heliogen Blue L 7101 F	Heliogen Green L 8735	Special Black 4
				Supplier	Sudarshan	Sudarshan	Sun Chemical	Sun Chemical	Orion Engineered Carbons
Position	**Component**	**Supplier**	**Function**		**PR 122**	**PV 23**	**PB 15:4**	**PG 7**	**PB 9**
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	40.90
3	PM		Solvent		-	-	-	-	-
4	DISPERBYK-2152 TF	BYK	Wetting and dispersing		1.50	20.80	10.50	6.00	10.50
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	30.00
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)

DISPERBYK-2152 TF	28.00 %	38.00 %	35.00 %	20.00 %	35.00 %
BYK-SYNERGIST 2100	-	-	-	5.00 %	-
BYK-SYNERGIST 2105	-	-	-	-	-

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