

## Starting point formulation – Pigment concentrates for high solid systems with DISPERBYK-2155 TF

Position	Component	Supplier	Function	Pigment Supplier								
				Kronos 2160 Kronos International	Bayferrox 3910 Lanxess	Hansa Brilliant Yellow 2GX 70 Heubach	Paliotol Yellow L 2140 HD BASF	Paliotol Orange L 2130 HD BASF	Bayferrox 130 M Lanxess	Permanent Red FGR Heubach	Irgazin Red L 3670 HD BASF	
				PW 6	PY 42	PY 74	PY 139	PO 67	PR 101	PR 112	PR 254	
1	WorléeKyd P 151 (100%)	Worlée	Binder	26.30	41.50	51.40	55.00	32.00	22.00	56.00	52.00	
2	Exxsol D40	ExxonMobil	Solvent	11.60	14.60	19.40	19.60	22.00	11.10	19.60	24.60	
3	DISPERBYK-2155 TF	BYK	Wetting and dispersing	1.20	3.00	3.80	5.00	6.80	1.70	4.00	5.00	
4	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	-	-	-	-	-	-	
5	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	-	0.80	-	-	-	
6	GARAMITE-1958	BYK	Anti-settling	0.50	0.50	-	-	-	0.50	-	-	
7	Pigment	See headline	Color	60.00	40.00	25.00	20.00	38.00	60.00	20.00	18.00	
8	Borchinox M2	Borchers	Anti-skinning agent	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	
<b>Total</b>				<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	

### Instructions

Premix position 1–6, add pigment and disperse well.

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2155 TF	2.00%	7.50%	15.20%	25.00%	17.90%	10.00%	20.00%	22.00%
BYK-SYNERGIST 2100	-	-	-	-	-	-	-	-
BYK-SYNERGIST 2105	-	-	-	-	-	-	-	-

Pigment : binder ratio (solid : solid binder)

2.30 : 1	1.00 : 1	0.50 : 1	0.40 : 1	1.20 : 1	2.70 : 1	0.40 : 1	1.00 : 1
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## Starting point formulation – Pigment concentrates for high solid systems with DISPERBYK-2155 TF

Position	Component	Supplier	Function	Pigment	Hostaperm	Hostaperm	Heliogen	Heliogen	Heliogen	Special Black 4
				Supplier	Pink E	Violet RL special	Blue L 7085	Blue L 7101 F	Green L 8730	Orion Engineered
				Heubach	Heubach	BASF	BASF	BASF	Carbons	
				PR 101	PV 23	PB 15:3	PB 15:4	PG 7	Bk 7	
1	WorléeKyd P 151 (100%)	Worlée	Binder	52.00	52.00	55.00	60.00	60.20	52.00	
2	Exxsol D40	ExxonMobil	Solvent	24.60	24.60	25.30	20.30	19.40	19.10	
3	DISPERBYK-2155 TF	BYK	Wetting and dispersing	5.00	5.00	3.80	3.80	4.50	8.00	
4	BYK-SYNERGIST 2100	BYK	Wetting and dispersing	-	-	0.50	0.50	0.50	0.50	
5	BYK-SYNERGIST 2105	BYK	Wetting and dispersing	-	-	-	-	-	-	
6	GARAMITE-1958	BYK	Anti-settling	-	-	-	-	-	-	
7	Pigment	See headline	Color	18.00	18.00	15.00	15.00	15.00	20.00	
8	Borchinox M2	Borchers	Anti-skinning agent	0.40	0.40	0.40	0.40	0.40	0.40	
<b>Total</b>				<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	

### Instructions

Premix position 1–6, add pigment and disperse well.

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-2155 TF	27.80 %	27.80 %	25.30 %	25.30 %	30.00 %	40.00 %
BYK-SYNERGIST 2100	-	-	3.30 %	3.30 %	3.30 %	2.50 %
BYK-SYNERGIST 2105	-	-	-	-	-	-

Pigment : binder ratio (solid : solid binder)

0.30 : 1	0.30 : 1	0.30 : 1	0.30 : 1	0.20 : 1	0.40 : 1
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This issue replaces all previous versions.

