

## Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-191

				Pigment	Kronos 2160	Bayferrox 3920	Hansa Brilliant Yellow 2GX 70	Novoperm Yellow HR 70	Hostaperm Yellow H3G	Novoperm Orange HL 70	Bayferrox 130 F	Novoperm Red F3RK 70
				Supplier	Kronos International	Lanxess	Sudarshan	Sudarshan	Sudarshan	Sudarshan	Lanxess	Sudarshan
Position	Component	Supplier	Function	PW 6	PY 42	PY 74	PY 83	PY 154	PO 36	PR 101	PR 170	
1	Water		Solvent	18.70	36.50	42.60	42.60	42.60	46.40	21.90	46.40	
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
3	BYK-021	BYK	Defoamer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
4	DISPERBYK-191	BYK	Wetting and dispersing	4.70	6.90	11.30	11.30	11.30	12.50	8.50	12.50	
5	OPTIGEL-WX	BYK	Anti-settling	0.50	0.50	-	-	-	-	0.50	-	
6	Pigment	See headline	Color	75.00	55.00	45.00	45.00	45.00	40.00	68.00	40.00	
<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 1–5, add pigment and disperse well (dissolver or beads are recommended).

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-191	6.30%	12.50%	25.10%	25.10%	25.10%	31.30%	12.50%	31.30%
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				Pigment	Irgazin Red L 3660 HD	Hostaperm Pink E	Hostaperm Violet RL special	Heliogen Blue L 6901 F	Heliogen Blue L 6905 F	Heliogen Green L 8730	Special Black 4
				Supplier	Sun Chemical	Sudarshan	Sudarshan	Sun Chemical	Sun Chemical	Sun Chemical	Orion Engineered Carbons
Position	Component	Supplier	Function	PR 254	PR 122	PV 23	PB 15:2	PB 15:2	PG 7	PBk 7	
1	Water		Solvent	50.80	57.60	50.80	53.90	53.90	46.40	61.40	
2	Preservative		Preservative	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
3	BYK-021	BYK	Defoamer	1.00	1.00	1.00	1.00	1.00	1.00	1.00	
4	DISPERBYK-191	BYK	Wetting and dispersing	13.10	11.30	13.10	15.00	15.00	12.50	17.50	
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-	-	-	-	-	
6	Pigment	See headline	Color	35.00	30.00	35.00	30.00	30.00	40.00	20.00	
<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>	

### Instructions

Premix position 1–5, add pigment and disperse well (dissolver or beads are recommended).

### Characteristic data

Additive dosage (solids on pigment)

DISPERBYK-191	37.40 %	37.70 %	37.40 %	50.00 %	50.00 %	31.30 %	87.50 %
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Your local contact

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