



## Starting Formulation

Pigment concentrates for water-borne systems using DISPERBYK-191

Pos.	Component	Supplier	Function	Bayferrox 130F	Permanent red F3RK70	Irgazin red L3660HD	Hostaperm pink E	Sunfast violet 246-0505	Hostaperm violet RL special
				PR 101	PR 170	PR 254	PR 122	PV 23	PV 23
1	Water		Solvent	21,9	46,4	50,8	57,6	50,8	50,8
2	Preservative		Preservative	0,1	0,1	0,1	0,1	0,1	0,1
3	<b>BYK-021</b>	<b>BYK</b>	<b>Defoamer</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>
4	<b>DISPERBYK-191</b>	<b>BYK</b>	<b>Wetting&amp;Dispersing</b>	<b>8,5</b>	<b>12,5</b>	<b>13,1</b>	<b>11,3</b>	<b>13,1</b>	<b>13,1</b>
5	Pigment & Color Index	see headline	Color	68,0	40,0	35,0	30,0	35,0	35,0
6	<b>BYK-7420 ES</b>	<b>BYK</b>	<b>Anti-settling</b>	<b>0,5</b>	-	-	-	-	-
				100,0	100,0	100,0	100,0	100,0	100,0

### Instructions

Premix position 1-4, add pigment and disperse well  
 (beads are recommended), add position 6 under stirring

### Characteristic Data

% Additive Dosage (solids on pigment)

<b>DISPERBYK-191</b>	<b>12,5</b>	<b>31,3</b>	<b>37,4</b>	<b>37,7</b>	<b>37,4</b>	<b>37,4</b>
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Pos.	Component	Supplier	Function	Heliogen blue L6901F	Heliogen blue L6905F	Heliogen green L8730	Special black 4
				PB 15:2	PB 15:2	PG 7	PBk 7
1	Water		Solvent	53,9	53,9	46,4	61,4
2	Preservative		Preservative	0,1	0,1	0,1	0,1
3	<b>BYK-021</b>	<b>BYK</b>	<b>Defoamer</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>	<b>1,0</b>
4	<b>DISPERBYK-191</b>	<b>BYK</b>	<b>Wetting&amp;Dispersing</b>	<b>15,0</b>	<b>15,0</b>	<b>12,5</b>	<b>17,5</b>
5	Pigment & Color Index	see headline	Color	30,0	30,0	40,0	20,0
6	<b>BYK-7420 ES</b>	<b>BYK</b>	<b>Anti-settling</b>	-	-	-	-
				100,0	100,0	100,0	100,0

### Instructions

Premix position 1-4, add pigment and disperse well  
 (beads are recommended), add position 6 under stirring

### Characteristic Data

% Additive Dosage (solids on pigment)

<b>DISPERBYK-191</b>	<b>50,0</b>	<b>50,0</b>	<b>31,3</b>	<b>87,5</b>
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