

## Starting Formulation

Pigment concentrates for water-borne systems using DISPERBYK-2015

Pos.	Component	Supplier	Function	Tiona	Bayferrox	Hansa-	Novoperm	Bayferrox	Permanent	Irgazin
				RCL 595	3920	brillant	orange	130M	red	red
				PW 6	PY 42	yellow	HL 70		FGR 70	L3670HD
						5GX				
						PY 74	PO 36	PR 101	PR 112	PR 254
1	Water		Solvent	16,7	26,7	24,8	15,0	16,0	29,0	29,0
2	Preservative		Preservative	0,1	0,1	0,1	0,1	0,1	0,1	0,1
3	BYK-1730	BYK	Defoamer	0,3	0,3	0,4	0,4	0,3	0,4	0,4
4	DISPERBYK-2015	BYK	Wetting&Dispersing	3,8	9,7	15,0	22,0	7,5	15,0	15,0
5	OPTIGEL-WX	BYK	Anti-settling	0,7	0,5	0,4	0,4	0,5	0,5	0,5
6	Sachtleben micro	Sachtleben	Filler	-	-	15,0	18,0	10,0	15,0	15,0
7	Pigment & Color Index	see headline	Color	75,0	55,0	40,0	35,0	60,0	35,0	35,0
8	BYK-1615	BYK	Defoamer	0,2	0,2	0,2	0,2	0,2	0,2	0,2
9	Water		Solvent	3,2	7,5	4,1	8,9	5,4	4,8	4,8
				100,0	100,0	100,0	100,0	100,0	100,0	100,0

### Instructions

Premix position 1-5, add pigment/filler and disperse well  
 (beads are recommended), add position 8-9 under stirring

### Characteristic Data

% Additive Dosage (solids on pigment)

**DISPERBYK-2015**          2,0          7,1          15,0          25,1          5,0          17,1          17,1

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Pos.	Component	Supplier	Function	Hostaperm pink E	Hostaperm violet RL special	Hostaperm blue A4R	Heliogen blue L7080	Heliogen green L8730	Monarch 120
				PR 122	PV 23	PB 15:1	PB 15:3	PG 7	PBk 7
1	Water		Solvent	28,0	26,4	21,9	28,8	19,9	28,4
2	Preservative		Preservative	0,1	0,1	0,1	0,1	0,1	0,1
3	<b>BYK-1730</b>	<b>BYK</b>	<b>Defoamer</b>	<b>0,5</b>	<b>0,3</b>	<b>0,4</b>	<b>0,4</b>	<b>0,3</b>	<b>0,3</b>
4	<b>DISPERBYK-2015</b>	<b>BYK</b>	<b>Wetting&amp;Dispersing</b>	<b>22,0</b>	<b>14,0</b>	<b>26,0</b>	<b>15,0</b>	<b>15,0</b>	<b>12,5</b>
5	<b>OPTIGEL-WX</b>	<b>BYK</b>	<b>Anti-settling</b>	-	-	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>	<b>0,5</b>
6	Sachtleben micro	Sachtleben	Filler	10,0	15,0	10,0	20,0	20,0	25,0
7	Pigment & Color Index	see headline	Color	35,0	35,0	35,0	30,0	35,0	25,0
8	<b>BYK-1615</b>	<b>BYK</b>	<b>Defoamer</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>	<b>0,2</b>
9	Water		Solvent	4,2	9,0	5,9	5,0	9,0	8,0
				100,0	100,0	100,0	100,0	100,0	100,0

### Instructions

Premix position 1-5, add pigment/filler and disperse well  
 (beads are recommended), add position 8-9 under stirring

### Characteristic Data

% Additive Dosage (solids on pigment)

<b>DISPERBYK-2015</b>	<b>25,1</b>	<b>16,0</b>	<b>29,7</b>	<b>20,0</b>	<b>17,1</b>	<b>20,0</b>
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