

## Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-190

Position	Component	Supplier	Function	Pigment							
				Kronos 2160 Kronos International	Bayferrox 3920 Lanxess	Hansa Brilliant Yellow 2GX 70 Heubach	Novoperm Yellow HR 70 Heubach	Hostaperm Yellow H3G Heubach	Novoperm Orange HL 70 Heubach	Bayferrox 130 F Lanxess	Novoperm Red F3RK 70 Heubach
				PW 6	PY 42	PY 74	PY83	PY154	PO 36	PR 101	PR 170
1	Water		Solvent	19.60	22.80	28.90	28.90	37.60	46.40	23.40	33.90
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-190	BYK	Wetting and dispersing	8.80	20.60	30.00	30.00	26.30	22.50	15.00	25.00
5	OPTIGEL-WX	BYK	Anti-settling	0.50	0.50	-	-	-	-	0.50	-
6	Pigment	See headline	Color	70.00	55.00	40.00	40.00	35.00	30.00	60.00	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-190	5.00%	15.00%	30.00%	30.00%	30.10%	30.00%	10.00%	25.00%
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Also available as a biocide-free variant (see brochure B-AN 2).



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Position	Component	Supplier	Function	Pigment							
				PR 254	PR 122	PV19	PV 23	PB 15:2	PG 7	PBk 7	PBk 7
				<b>Irgazin Red L 3660 HD BASF</b>	<b>Hostaperm Pink E Heubach</b>	<b>Hostaperm Red Violet ER 02 Heubach</b>	<b>Hostaperm Violet RL spec. Heubach</b>	<b>Heliogen Blue L 6975 F BASF</b>	<b>Heliogen Green L 8730 BASF</b>	<b>Colour Black FW 200 Orion Engineered Carbons</b>	<b>Colour Black FW 285 Orion Engineered Carbons</b>
				<b>Supplier</b>							
1	Water		Solvent	38.90	46.40	46.40	46.40	28.90	33.90	57.60	57.60
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-190	BYK	Wetting and dispersing	30.00	22.50	22.50	22.50	35.00	25.00	26.30	26.30
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-	-	-	-	-	-
6	Pigment	See headline	Color	30.00	30.00	30.00	30.00	35.00	40.00	15.00	15.00
<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-190	40.00%	30.00%	30.00%	30.00%	40.00%	25.00%	70.10%	70.10%
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## Starting point formulation – Pigment concentrates for water-based systems with DISPERBYK-190

Position	Component	Supplier	Function	Pigment	Pigment	Pigment
				Monarch 1100 Cabot Corporation	Elftex 415 Cabot Corporation	Raven 5000 Birla Carbon Columbian
				PBk 7	PBk 7	PBk 7
1	Water		Solvent	38.40	43.90	49.40
2	Preservative		Preservative	0.10	0.10	0.10
3	BYK-021	BYK	Defoamer	1.00	1.00	1.00
4	DISPERBYK-190	BYK	Wetting and dispersing	38.50	35.00	31.50
5	OPTIGEL-WX	BYK	Anti-settling	-	-	-
6	Pigment	See headline	Color	22.00	20.00	18.00
<b>Total</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)

	Monarch 1100	Elftex 415	Raven 5000
DISPERBYK-190	70.00 %	70.00 %	70.00 %

**BYK-Chemie GmbH**  
Abelstraße 45  
46483 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

[info@byk.com](mailto:info@byk.com)  
[www.byk.com](http://www.byk.com)

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This issue replaces all previous versions.

